

HUMIDITY.

The relative humidity was normal in the west Gulf States, and northern Plateau and south Pacific regions; below normal in New England, Florida Peninsula, South Atlantic and east Gulf States, and the middle and southern Pacific regions, and above normal in the remaining geographic districts.

The averages by districts appear in the subjoined table:

Average relative humidity and departures from the normal.

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
New England.....	78	- 1	Missouri Valley.....	71	+ 4
Middle Atlantic.....	76	+ 3	Northern Slope.....	63	+ 6
South Atlantic.....	75	- 3	Middle Slope.....	70	+ 10
Florida Peninsula.....	79	- 1	Southern Slope.....	65	+ 5
East Gulf.....	71	- 4	Southern Plateau.....	32	- 2
West Gulf.....	76	0	Middle Plateau.....	38	+ 1
Ohio Valley and Tennessee.....	73	+ 3	Northern Plateau.....	51	0
Lower Lake.....	73	+ 2	North Pacific.....	74	- 2
Upper Lake.....	74	+ 1	Middle Pacific.....	59	- 3
North Dakota.....	70	+ 2	South Pacific.....	66	0
Upper Mississippi Valley.....	72	+ 2			

CLEAR SKY AND CLOUDINESS.

The distribution of clear sky is graphically shown on Chart IV, and the numerical values of average daylight cloudiness, both for individual stations and by geographic districts, appear in Table I.

The cloudiness was normal in the Ohio Valley and Tennessee; above normal in New England, west Gulf States, Lake region, North Dakota, upper Mississippi and Missouri valleys, and the middle slope and southern Plateau regions; elsewhere by geographic districts, the cloudiness was below normal.

The average cloudiness for the various districts, with departures from the normal, are shown in the following table:

Average cloudiness and departures from the normal.

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
New England.....	5.3	+ 0.2	Missouri Valley.....	5.8	+ 1.0
Middle Atlantic.....	4.9	- 0.1	Northern Slope.....	4.6	- 0.2
South Atlantic.....	4.1	- 0.8	Middle Slope.....	5.5	+ 1.8
Florida Peninsula.....	5.2	- 0.3	Southern Slope.....	4.2	- 0.2
East Gulf.....	4.6	- 0.2	Southern Plateau.....	2.4	+ 0.5
West Gulf.....	5.0	+ 0.4	Middle Plateau.....	2.9	- 0.1
Ohio Valley and Tennessee.....	5.0	0.0	Northern Plateau.....	3.4	- 1.7
Lower Lake.....	5.2	+ 0.3	North Pacific.....	5.1	- 1.0
Upper Lake.....	5.4	+ 0.2	Middle Pacific.....	2.9	- 0.5
North Dakota.....	5.4	+ 0.2	South Pacific.....	2.3	- 1.0
Upper Mississippi Valley.....	5.1	+ 0.1			

WIND.

The maximum wind velocity at each Weather Bureau station for a period of five minutes is given in Table I, which also gives the altitude of Weather Bureau anemometers above ground.

Following are the velocities of 50 miles and over per hour registered during the month:

Maximum wind velocities.

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
Chicago, Ill.....	4	50	s.	Point Reyes Light, Cal.....	6	70	nw.
Cleveland, Ohio.....	30	56	sw.	Do.....	7	58	nw.
Duluth, Minn.....	3	63	ne.	Do.....	8	53	nw.
Fort Smith, Ark.....	4	74	s.	Do.....	9	72	nw.
Mount Tamalpais, Cal.....	1	50	nw.	Do.....	10	56	nw.
Do.....	2	67	nw.	Do.....	16	50	nw.
Do.....	3	64	nw.	Do.....	23	50	nw.
Do.....	4	62	n.	Sioux City, Iowa.....	24	57	sw.
Do.....	6	59	nw.	Do.....	28	58	nw.
Do.....	18	50	nw.	Southeast Farallon, Cal.....	2	54	nw.
New York, N. Y.....	5	58	w.	Do.....	3	53	nw.
Oklahoma, Okla.....	2	52	sw.	Do.....	9	50	nw.
Point Reyes Light, Cal.....	2	80	nw.	Williston, N. Dak.....	10	63	nw.
Do.....	3	69	nw.	Winnemucca, Nev.....	6	59	nw.

ATMOSPHERIC ELECTRICITY.

Numerical statistics relative to auroras and thunderstorms are given in Table IV, which shows the number of stations from which meteorological reports were received, and the number of such stations reporting thunderstorms (T) and auroras (A) in each State and on each day of the month, respectively.

Thunderstorms.—Reports of 8502 thunderstorms were received during the current month as against 6045 in 1903 and 5131 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country was most numerous were: 30th, 547; 20th, 513; 29th, 508; 21st, 504.

Reports were most numerous from: Missouri, 507; Nebraska, 399; Kansas, 396; New York, 375.

Auroras.—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the dates of full moon, viz., May 25 to June 2, inclusive, and June 23 to July 1, inclusive.

In Canada.—Thunderstorms were reported from St. Johns, N. B., 18, 21; Halifax, 15; Grand Manan, 22; Yarmouth, 25; Father Point, 16, 21, 30; Quebec, 21, 25, 30; Montreal, 15; Ottawa, 21, 25; Kingston, 4, 22, 25; Toronto, 4, 20, 21, 24, 28; Port Stanley, 14, 30; Saugeen, 21, 24, 30; Parry Sound, 4, 6, 9, 18, 25, 26, 30; Port Arthur, 17, 29; Winnipeg, 17, 19, 23, 27, 28; Minnedosa, 11, 17, 22, 27, 28; Qu'Appelle, 10, 18, 27, 28; Medicine Hat, 18, 27; Swift Current, 6, 7, 18; Banff, 5, 9, 30; Edmonton, 6, 9, 13, 16, 18, 21, 27; Prince Albert, 18, 19, 22, 29; Battleford, 7, 9, 10, 18, 22, 23, 24, 27; New Westminster, 22, 23; Barkerville, 21; Dawson, 7; Hamilton, Bermuda, 24, 28.

Auroras were reported from Sydney, 15; Halifax, 15; Quebec, 15, 16; Parry Sound, 15; Winnipeg, 15; Qu'Appelle, 16; Swift Current, 15.

DESCRIPTION OF TABLES AND CHARTS.

By Mr. W. B. STOCKMAN, District Forecaster, in charge of Division of Meteorological Records.

For description of tables and charts see page 136 of REVIEW for March, 1904.

TABLE I.—Climatological data for Weather Bureau stations, June, 1904.

Stations.	Elevation of instruments.		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.								Precipitation, in inches.		Wind.									
	Barometer above sea level, feet.	Thermometers above ground.	Sea level, reduced to mean of 24 hrs.	Departure from normal.	Mean max. + mean min. + 2.	Departure from normal.	Mean maximum.	Date.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Total.	Departure from normal.	Days with .01, or more.	Total movement miles.	Maximum velocity.	Prevailing direction.	Miles per hour.	Date.		
	Anemometer above ground.	Actual, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hrs.	Departure from normal.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Range.	Max.	Min.	Sum.	Max.	Days with .01, or more.	Total miles.	Clear days.	Party cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.	
New England.																								
Eastport.	76	69	82	29.95	30.03	+ .10	61.0	- 2.1	54.2	- 0.9	76	27	62	40	15	46	28	50	73	2.56	- 0.4	9	5,939	s.
Portland, Me.	103	81	117	29.92	30.04	+ .09	60.4	- 2.9	52	- 2.6	69	44	10	52	30	54	49	72	2.45	- 1.2	13	6,039	s.	
Concord.	298	70	79	29.72	30.04	+ .08	62.7	- 2.6	91	26	74	38	10	51	37	51	47	73	1.29	9	3,236	s.		
Northfield.	876	16	60	29.10	30.03	+ .07	60.7	- 2.9	85	26	73	36	10	48	47	57	53	71	1.33	- 1.8	12	5,613	s.	
Boston.	125,115	181	29.91	30.04	+ .08	64.0	- 2.3	92	26	72	48	2	56	27	58	54	74	2.06	- 1.0	12	2,019	s.		
Nantucket.	12	43	82	30.03	30.04	+ .06	59.2	- 2.0	84	26	65	44	14	54	22	55	55	83	2.38	- 0.4	12	9,418	s.	
Block Island.	26	11	46	30.01	30.04	+ .07	60.8	- 1.2	82	26	66	47	*	55	20	58	56	89	3.67	+ 1.1	12	10,697	s.	
Narragansett.	9	38	.....	.....	.....	.....	61.7	- 2.9	86	26	69	41	*	54	29	54	54	73	3.63	+ 1.1	14	5,869	s.
New Haven.	106	116	154	29.92	30.03	+ .06	65.7	- 1.6	93	26	75	45	11	57	30	60	56	75	2.46	- 0.5	11	5,869	s.	
Mid. Atlantic States.							69.9	- 1.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	76	3.96	+ 0.3	5	1,521	s.
Albany.	97	102	115	29.92	30.00	+ .03	68.8	- 0.2	94	25	79	46	10	59	30	62	58	71	5.48	- 1.8	13	5,249	s.	
Binghamton.	875	79	90	29.11	30.03	+ .06	65.9	- 0.4	89	5	76	42	11	55	34	.....	.....	72	2.76	- 0.6	12	3,698	w.
New York.	314	108	350	29.70	30.02	+ .04	69.2	+ 0.2	92	26	77	52	11	61	27	63	60	78	2.70	- 0.4	12	5,017	s.	
Harrisburg.	374	94	104	29.64	30.03	+ .04	69.1	- 1.4	91	26	78	48	11	60	31	62	59	75	3.99	- 0.3	14	4,144	e.	
Philadelphia.	117	116	184	29.91	30.04	+ .06	70.8	- 0.9	95	26	79	52	10	63	26	65	58	70	2.88	- 0.2	9	7,064	s.	
Scranton.	305	111	119	29.18	30.03	+ .05	67.9	.....	91	25	75	45	11	57	34	61	58	71	3.46	.....	13	2,121	s.
Atlantic City.	52	39	48	29.98	30.04	+ .06	66.0	- 0.8	91	6	72	50	11	60	22	63	61	86	2.28	- 0.9	12	5,786	s.	
Cape May.	17	47	51	30.03	30.05	+ .07	66.8	- 1.4	88	6	72	49	11	61	24	63	60	78	3.45	+ 1.2	13	5,008	s.	
Baltimore.	123	69	117	29.89	30.02	+ .08	71.4	- 2.1	95	26	80	50	11	63	27	64	60	71	3.27	- 0.8	13	4,764	w.	
Washington.	112	59	76	29.91	30.03	+ .03	71.0	- 2.2	94	26	80	50	14	62	28	65	62	78	5.49	+ 1.5	13	2,109	s.	
Cape Henry.	18	11	58	30.01	30.03	+ .02	73.4	+ 0.3	96	6	89	59	14	67	25	.....	.....	78	4.55	+ 0.6	11	9,705	s.
Lynchburg.	681	83	88	29.30	30.03	+ .02	72.8	- 1.4	94	5	83	50	13	62	29	66	63	77	5.49	+ 2.0	14	2,314	s.	
Norfolk.	91	102	111	29.94	30.04	+ .04	74.0	- 1.1	94	5	82	56	15	66	24	67	65	77	4.17	- 0.1	12	6,854	s.	
Richmond.	144	82	90	29.89	30.03	+ .02	74.4	.....	96	5	84	52	14	65	29	66	62	78	4.11	.....	11	4,051	s.
Wytheville.	2,293	40	47	27.71	30.07	+ .06	67.4	.....	88	4	79	45	12	62	60	60	60	82	4.06	- 0.1	10	2,925	w.
S. Atlantic States.							75.8	- 1.0	.....	.....	.....	.....	.....	.....	.....	.....	75	4.01	- 0.9	5	1,521	s.	
Asheville.	2,255	53	75	27.75	30.04	+ .03	69.1	- 0.5	90	5	80	46	14	58	31	61	58	75	4.01	- 0.1	16	3,764	s.	
Charlotte.	773	68	76	29.22	30.04	+ .03	75.1	- 0.7	94	26	85	54	14	65	27	66	62	70	6.42	+ 1.8	9	4,500	s.	
Hatteras.	11	12	47	30.03	30.04	+ .03	75.0	+ 1.0	86	* 8	80	62	14	70	16	71	69	84	1.96	- 2.6	8	10,092	s.	
Raleigh.	376	71	79	29.63	30.02	+ .01	75.6	- 0.1	97	5	86	52	14	65	27	66	64	70	6.64	+ 2.7	15	4,371	s.	
Wilmington.	78	82	90	29.94	30.02	+ .01	75.4	- 1.3	93	4	84	53	14	67	23	69	67	80	3.74	- 2.0	9	5,756	s.	
Charleston.	48	14	92	30.00	30.05	+ .04	77.2	- 1.9	92	2	84	59	14	70	20	70	68	76	3.82	- 1.8	10	7,947	s.	
Columbia, S. C.	351	167	175	29.65	30.02	+ .01	77.3	- 1.7	94	5	88	56	12	67	26	67	63	68	3.05	- 1.1	12	6,234	s.	
Augusta.	180	89	97	29.89	30.02	+ .01	78.2	- 0.6	96	4	89	56	15	88	20	68	63	65	1.47	- 3.1	7	4,684	s.	
Savannah.	65	81	99	29.97	30.04	+ .03	77.3	- 2.0	93	4	86	62	12	69	24	70	68	80	4.04	- 2.6	12	5,705	s.	
Jacksonville.	43	101	129	29.97	30.02	+ .01	77.6	- 2.5	91	22	84	64	14	71	19	71	69	80	4.92	- 0.5	17	6,955	s.	
Florida Peninsula.							79.6	- 0.9	.....	.....	.....	.....	.....	.....	79	6.32	- 0.3	5	1,521	s.			
Jupiter.	28	10	48	29.99	30.02	+ .01	78.4	- 0.6	90	1	85	68	27	72	19	74	72	82	10.54	+ 4.0	18	6,956	s.	
Key West.	22	10	53	29.96	29.98	- .01	81.0	- 1.5	87	24	86	74	6	77	12	75	72	76	1.70	- 2.3	12	6,856	s.	
Sand Key.	25	40	71	29.94	29.97	- .01	79.5	.....	96	16	84	67	25	75	18	72	70	76	2.54	.....	16	10,056	e.
Tampa.	34	60	67	29.98	30.01	- .00	79.5	- 0.5	95	4	89	65	13	70	27	72	69	79	6.72	- 2.5	10	4,642	e.	
East Gulf States.							78.7	- 0.1	.....	.....	.....	.....	.....	.....	71	2.88	- 2.4	5	1,521	s.			
Atlanta.	1,174	190	216	28.81	30.03	+ .02	76.0	+ 0.3	93	5	85	57	12	67	24	65	61	67	1.88	- 2.0	10	6,162	s.	
Macon.	370	93	99	29.64	30.03	+ .02	78.2	.....	95	4	89	57	15	68	29	60	64	70	1.88	- 2.8	9	6,903	w.
Pensacola.	56	79	96	29.95	30.01	+ .02	79.4	0.0	90	11	85	69	25	74	20	.....	.....	72	2.58	- 2.8	9	6,903	s.
Birmingham.	700	136	143	29.27	30.02	+ .03	78.0	- 1.2	95	18	88	59	11	68	28	60	68	73	3.53	- 2.0	8	10,092	s.	
Mobile.	57	88	96	29.95	30.01	+ .02	79.6	- 0.1	93	26	87	66	15	72	24	71	68	72	1.64	- 4.3	8	5,080	s.	
Montgomery.	223	100	112	29.77	29.99	- .01	79.4	0.0	95	18	90	59	15	69	30	70	66	68	2.19	- 2.5	7	4,357	s.	
Meridian.	375	84	93	29.62	30.00	+ .02	77.6	0.0	94	18	89	55	15	66	34	71	69	74	1.71	- 4.4	12	5,002	s.	
Vicksburg.	247	62	74	29.71	29.97	- .00	78.8	- 0.4	93	17	84	68	21	76	15	71	72	73	3.72	- 2.2	12	5,020	s.	
New Orleans.	51	88	121	29.94	30.04	+ .01	80.6	+ 0.3	97	17	88	62	27	73	12	73	70	74	5.59	- 1.0	12	5,381	s.	
West Gulf States.							78.5	- 0.5	.....	.....	.....	.....	.....	.....	73	3.24	- 1.0	5	1,521	s.			
Shreveport.	249	77	84	29.70	29.96	- .00	79.0	- 0.9	95	18	88	64	3	70	26	71	68	76	4.86	- 1.1	13	4,464		

TABLE I.—*Climatological data for Weather Bureau stations, June, 1904—Continued.*

Stations.	Elevation of instruments.		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.												Wind.							
					Mean max. + mean min. + 2.	Mean max. - mean min. - 2.	Maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Miles per hour.	Maximum velocity.	Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.
	Barometer above sea level, feet.	Thermometers above ground.	Anemometer above ground.	Actual, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hrs.	Departure from normal.	Departure from normal.	Date.	Mean maximum.	Mean minimum.	Date.	Days with 01, or more.	Total movement, miles.	Prevailing direction.	Direction.	Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.			
North Dakota.																								
Moorhead.....	935	54	60	28.94	29.95	+ .05	62.1	- 1.9	88	18	72	42	6	54	39	57	53	73	3.77	0.0	14	7,276	se.	
Bismarck.....	1,674	16	29	28.18	29.94	+ .07	61.6	- 2.2	90	18	72	40	15	51	32	56	51	71	4.36	+ 0.8	14	7,773	n.	
Williston.....	1,875	14	44	27.95	29.90	+ .04	61.8	- 1.5	91	16	73	40	8	50	42	53	47	66	2.58	+ 0.9	12	8,550	se.	
Upper Miss. Valley.																								
Minneapolis.....	99	208	.....	29.98	29.94	+ .02	65.6	- 3.2	83	23	74	48	6	58	26	59	54	70	3.28	1.2	14	5.1	5.1
St. Paul.....	837	102	122	29.04	29.94	+ .02	66.0	- 1.2	85	19	74	50	16	58	30	59	54	70	4.39	+ 0.6	14	4,982	se.	
La Crosse.....	714	71	87	29.21	29.97	+ .04	66.7	- 2.2	85	23	76	48	16	57	28	59	53	73	3.58	+ 0.9	12	4,469	s.	
Davenport.....	606	71	79	29.31	29.94	+ .00	69.0	- 1.9	88	23	79	49	1	59	28	62	58	70	1.44	- 3.0	10	5,224	w.	
Des Moines.....	861	84	99	29.07	29.98	+ .06	68.4	- 1.7	87	23	77	52	6	59	27	62	59	73	2.08	- 3.3	10	5,546	se.	
Dubuque.....	698	100	117	29.23	29.97	+ .04	67.5	- 2.0	87	23	78	47	7	57	31	60	53	67	0.74	- 4.5	5	4,485	s.	
Keokuk.....	614	63	78	29.30	29.95	+ .01	69.7	- 2.3	86	23	78	54	7	61	25	63	60	75	3.62	- 0.9	9	5,036	ne.	
Cairo.....	356	87	93	29.62	29.99	+ .02	74.5	- 0.9	90	25	82	61	1	66	21	68	66	79	3.61	- 0.8	11	5,050	ne.	
Springfield, Ill.	644	82	93	29.30	29.98	+ .03	69.5	- 2.7	86	13	78	53	1	61	28	63	60	74	2.34	- 2.1	10	5,927	ne.	
Hannibal.....	534	75	109	29.40	29.96	+ .01	69.8	- 2.6	87	24	78	55	10	62	26	63	55	62	5.21	+ 1.8	11	5,658	e.	
St. Louis.....	567	208	217	29.38	29.98	+ .03	72.3	- 2.9	86	23	80	59	27	65	21	64	61	71	4.64	- 0.4	10	7,058	ne.	
Missouri Valley.																								
Columbia, Mo.	784	11	84	29.15	29.97	+ .02	69.8	- 4.5	88	24	79	55	27	60	28	59	54	70	4.37	+ 0.1	11	5.56	e.	
Kansas City.....	963	78	95	28.97	29.98	+ .06	71.0	- 2.4	87	23	79	55	6	63	24	64	60	72	4.56	- 0.4	11	4,803	se.	
Springfield, Mo.	1,324	93	104	28.60	29.98	+ .03	70.6	- 1.8	87	19	78	58	7	63	21	65	62	77	9.23	+ 4.8	14	6,441	s.	
Topeka.....	85	89	.....	71.0	- 2.2	90	18	78	58	7	62	29	3	63	22	64	60	74	3.88	- 0.9	11	5,561	s.
Lincoln.....	1,189	75	84	28.68	29.92	+ .02	67.8	- 3.3	90	23	77	48	6	58	34	61	58	74	4.40	+ 0.2	16	6,253	s.	
Omaha.....	1,105	115	121	28.78	29.94	+ .03	69.1	- 2.4	90	23	78	51	6	60	29	61	57	69	3.11	- 2.6	11	5,264	se.	
Valentine.....	2,588	47	54	27.27	29.95	+ .09	64.4	- 2.8	92	18	76	41	6	53	38	56	51	67	4.67	+ 1.2	11	6,225	s.	
Sioux City.....	1,135	96	164	28.73	29.92	+ .02	67.0	- 3.3	88	23	76	49	6	58	27	59	53	65	4.28	- 0.9	13	8,684	s.	
Pierre.....	1,572	43	50	28.24	29.92	+ .05	67.4	- 0.8	95	17	78	45	6	57	32	58	53	65	4.28	- 0.9	13	6,414	sw.	
Huron.....	1,306	58	67	28.56	29.94	+ .06	64.4	- 2.3	90	23	75	42	26	54	39	59	55	75	4.37	+ 0.8	13	8,452	se.	
Yankton.....	1,233	42	49	28.60	29.90	+ .01	66.8	- 1.8	92	19	76	45	6	57	34	59	53	74	3.35	- 1.9	10	5,368	se.	
Northern Slope.																								
Havre.....	2,505	11	44	27.33	29.93	+ .08	61.8	+ 0.5	94	18	76	39	25	48	41	52	46	62	2.29	- 0.7	10	6,339	nw.	
Miles City.....	2,371	42	50	27.43	29.90	+ .05	64.8	- 2.2	96	18	76	44	25	54	36	59	57	77	2.28	- 0.8	5	4,506	nw.	
Helena.....	4,110	88	94	25.82	29.97	+ .09	59.9	+ 0.5	88	30	72	37	25	48	35	47	35	45	0.88	- 1.6	10	6,023	sw.	
Kalispell.....	2,965	45	51	26.93	29.96	+ .07	56.2	- 3.1	88	30	69	33	27	47	36	47	36	60	7.0	- 4.53	w.			
Rapid City.....	3,234	46	50	26.59	29.91	+ .06	61.0	- 3.2	87	10	71	37	25	51	34	54	50	69	5.07	+ 1.2	13	2,652	w.	
Cheyenne.....	6,088	56	64	24.06	29.94	+ .10	57.2	- 3.7	80	70	69	36	25	45	36	49	44	66	1.78	+ 0.2	13	6,411	sw.	
Lander.....	5,372	26	36	24.67	29.94	+ .09	58.5	- 1.6	85	29	73	31	25	44	42	49	42	58	2.29	+ 1.1	7	2,756	sw.	
Yellowstone Park.....	6,200	11	47	29.96	29.94	+ .10	66.0	- 1.9	90	23	78	45	26	54	40	59	56	74	4.43	+ 1.0	14	5,752	se.	
North Platte.....	2,821	43	52	27.08	29.96	+ .10	66.0	- 1.9	90	23	78	45	26	54	40	59	56	74	4.43	+ 1.0	14	5.58	sw.	
Middle Slope.																								
Denver.....	5,291	79	151	24.76	29.96	+ .12	61.6	- 4.8	86	28	74	43	3	49	36	52	46	66	3.54	+ 2.1	11	5,336	s.	
Pueblo.....	4,685	80	86	25.31	29.93	+ .10	63.0	- 3.3	92	21	78	44	3	52	40	53	45	58	3.69	+ 2.4	15	4,586	se.	
Concordia.....	1,398	42	47	28.50	29.94	+ .04	69.2	- 3.1	91	23	79	48	6	60	31	63	60	76	12.97	+ 8.8	10	4,152	se.	
Dodge.....	2,509	44	54	27.38	29.94	+ .07	69.8	- 2.8	92	17	81	50	4	59	32	62	58	72	2.02	- 1.3	14	7,025	se.	
Wichita.....	1,358	78	86	28.55	29.96	+ .05	72.0	- 1.9	92	18	81	54	27	63	27	64	61	5.69	0.7	0.5	10	5,263	ne.	
Oklahoma.....	1,214	79	86	26.63	29.91	+ .00	74.0	- 1.6	90	17	83	56	27	65	24	64	64	74	12.33	+ 9.6	9	6,733	sw.	
Southern Slope.																								
Abilene.....	1,738	45	54	28.18	29.89	+ .01	77.4	- 1.0	100	1	88	59	5	67	27	67	61	65	4.67	+ 1.4	7	6,666	se.	
Amarillo.....	3,676	10	49	26.25	29.91	+ .06	70.1	- 2.3	89	24	82	47	2	58	38	60	54	65	5.53	+ 2.5	9	8,857	se.	
Southern Plateau.																								
El Paso.....	3,762	10	110	26.12	29.77	+ .02	79.3	- 0.9	98	20	92	58	10	67	33	59	44	35	0.54	+ 0.2	2	8,240	ne.	
Santa Fe.....	7,013	47	50	23.31	29.84	+ .03	62.3	- 2.3	82	11	74	40	4	51	30	48	36	42	1.53	+ 0.6	12	5,502	se.	
Flagstaff.....	6,907	12	25	23.38	29.81	+ .03	58.1	- 4.1	85	17	76	31	1	40	47	43	30	40	0.57	- 0.2	4	5,384	sw.	
Phoenix.....	1,108	50	56	28.61	29.72	+ .02	86.3	+ 2.4	111	12	102	62	1	70	44	58	32	17	T.	- 0.1	0	3,832	w.	
Yuma.....	141	16	46	29.58	29.72	+ .02	85.9	+ 1.1	105	11	80	22	21	70	38	64	48	36	0.00	0.0	0	3,896	sw.	
Independence.....	3,910	51	58	25.92	29.82	+ .04	74.5	- 0.9	93	13	88	51	4	62	32	51	58	74	1.17	- 1.0	10	6,319	nw.	
Middle Plateau.																								
Carson City.....	4,720	82	92	25.28	29.90	+ .04	62.2	+ 1.0	89	28	78	33	24	7	47	42	47	35	43	0.00	- 0.4	0	5,018	w.
Winnebucca.....	4,344	59	70	25.62	29.94	+ .06	63.6	+ 1.2	92	28	80	34	24	8	48	41	49	35	38	0.07	- 0.7	3	6,997	ne.
Modena.....	5,479	10	43	24.60	29.84	+ .02	64.4	- 0.2	88	19	81	41	9	4	48	42	46	37	44	0.45	- 0.2	4	4,314	e.
Salt Lake City.....	4,366	105	110	25.60	29.90	+ .05	66.2	- 0.7	92	29	78	44	12	55	35	50	37	38	0.27	- 0.5	4	4,676	n.	
Grand Junction.....	4,608	43	51	25.35	29.88	+ .05	69.2	- 2.6	82	28	84	41	5	56	37	53	42	42	0.25	- 0.1	4	4,341	nw.	
N. Pac. Coast Reg.					</																			

* More than one date.

TABLE II.—Climatological record of voluntary and other cooperating observers, June, 1904.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Alabama.</i>	•	•	•	Ins.	Ins.	<i>Arizona—Cont'd.</i>	•	•	•	Ins.	Ins.	<i>California—Cont'd.</i>	•	•	•	Ins.	Ins.	
Anniston	97	54	76.0	4.01		San Simon	104	40	74.1	0.15		Cedarville	104	32	61.7	0.23		
Ashville	95	47	75.2	4.70		Sentinel*1	115	73	90.9	0.00		Chico	108	52	78.4	T.		
Benton	99	56	78.9	5.01		Signal	•	•	•	0.00		Chino*6	95	60	75.5	0.00		
Bermuda	99	56	78.9	5.01		Superstition	•	•	•	T.		Cloverdale	100	42	68.6	0.00		
Boilege	102	51	79.8	1.67		Taylor	98	37	66.0	0.07		Claremont	100	37	53.6	1.21		
Bridgeport	•	•	•	2.94		Thatcher	107	46	78.1	T.		Colusa	102	52	74.2	0.00		
Burkeville	•	•	•	2.05		Tombstone	99	57	78.2	0.02		Corning*6	105	60	76.5	0.00		
Calera	•	•	•	3.38		Tonto	109	55	84.3	0.00		Coronado	•	•	•	0.00		
Canephill	99	53	78.0	3.75		Tuba	98	42	71.4	0.11		Crescent City	71	37	53.6	1.21		
Cedar Bluff	95	64	79.3	1.98		Tucson	107	55	81.8	0.18		Cuyamaca	82	34	60.8	0.00		
Citronelle	95	52	78.0	1.90		Upper San Pedro	100	40	71.6	0.00		Delano*1	105	58	82.3	0.00		
Clanton	98	50	76.4	5.43		Vail*6	100	75	85.0	0.05		Delta	106	42	72.8	0.00		
Cordova	98	65	80.4	2.72		Walnutgrove	•	•	•	0.00		Dobkins	105	54	77.8	0.00		
Daphne	95	59	78.2	1.51		Wilcox	100	38	72.9	0.25		Drytown	103	47	72.8	0.00		
Decatur	96	59	78.2	1.51		Williams	92	35	64.4	0.40		Dunnigan*1	106	61	83.2	T.		
Delmar	97	56	75.6	1.70		Yarnell	•	•	•	0.14		Durham	110	44	74.5	T.		
Demopolis	•	•	•	3.28		Young	100	43	71.5	0.10		Elacon	•	•	•	0.00		
Dothan	99	63	80.2	2.95		<i>Arkansas.</i>	•	•	•	•		Electra	•	•	•	0.00		
Eufaula	95	57	78.6	1.84		Alco	91	56	74.2	6.90		Elmdale	109	46	75.2	0.00		
Evergreen	95	58	79.0	2.13		Amity	90	60	75.0	9.70		Elsinore	105	44	72.7	0.00		
Florence a	•	•	•	4.94		Arkadelphia	95	60	76.8	12.03		Escondido	92	35	65.6	0.00		
Florence b	96	56	76.6	4.34		Arkansas City	•	•	•	8.16		Fordyce	•	•	•	0.40		
Fort Deposit	97	59	79.4	1.82		Batesville	91	60	75.0	3.71		Fort Ross	85	42	57.5	0.32		
Gadsden	98	52	78.3	3.99		Beebranch	91 ^c	57 ^c	74.8 ^c	4.70		Foster	•	•	•	0.00		
Goodwater	97	55	78.0	5.11		Blanchard Springs	94	58	71.5	4.02		Georgetown	101	42	70.2	0.00		
Greensboro	96	60	79.4	1.19		Brinkley	93	59	76.5	4.82		Gilroy (near)	101	42	65.0	0.00		
Greenville	•	•	•	2.60		Camden a	•	•	•	11.75		Greeenville	99	31	61.7	0.10		
Hamilton	98	54	78.9	3.52		Camden b	62	•	•	11.16		Hanford	106	51	77.5	0.00		
Highland Home	95	54	78.9	0.40		Conway	94	60	77.6	6.30		Healdsburg	104	41	69.6	T.		
Letohatchie	•	•	•	3.17		Corning	83 ^c	58 ^c	73.7 ^c	4.61		Hollister	102	39	64.1	T.		
Livingston	99	55	79.0	1.75		Dallas	91	59	75.0	7.72		Idyllwild	89	39	64.0	0.00		
Lock No. 4	97	53	76.3	4.32		Dardanelle	•	•	•	8.28		Imperial	115	58	86.8	0.00		
Madison Station	97	59	77.3	2.54		Dardanelle	De Queen	94	61	77.0	9.73		Indio	116	62	95.0	0.00	
Maplegrove	99	50	76.2	3.34		Dee Arc	94	60	76.2	6.74		Iowa Hill*1	91	54	70.4	T.		
Marion	100	61	82.3	2.18		Dodd City	92	52	72.4	5.30		Irvine	•	•	•	0.00		
Newbern	101	58	80.4	1.98		Dutton	85	50	69.5	5.79		Isabella	•	•	•	0.00		
Notasulga	•	•	•	3.17		Elon	95 ^c	58 ^c	77.6 ^c	4.18		Jamestown	102	43	69.2	T.		
Oneonta	97	48	75.8	5.80		Eureka Springs	90	56	72.6	10.75		Kennedy Gold Mine	•	•	•	0.00		
Opelika	103	59	80.2	6.46		Fayetteville	87 ^c	51 ^c	69.4 ^c	9.06		Kentfield	•	•	•	T.		
Ozark	97	60	79.4	3.39		Forrest City	92	60	76.0	3.92		King City	104	40	67.4	0.00		
Prattville	98	50	77.8	2.09		Fulton	•	•	•	6.10		Laporte	89	40	60.2	0.24		
Pushmataba	96	54	78.6	3.19		Hardy	90	55	73.9	8.07		Legrande	108	42	73.6	0.00		
Riverton	95 ^c	51	75.0 ^d	2.87		Heber	94	57	75.4	6.50		Lemoncove	•	•	•	T.		
Scottsboro	93	52	74.4	2.79		Helena a	•	•	•	4.56		Lick Observatory	85	37	65.0	0.03		
Selma	101	59	81.0	2.48		Helena b	94	59	77.4	3.89		Livermore	103	45	69.0	T.		
Spring Hill	96	65	81.2	2.92		Malvern	94	62	78.2	5.70		Lodi	99	46	71.0	0.00		
Talladega	100	49	78.1	3.57		Mammoth Springs	99	52	73.8	5.16		Los Gatos	102	44	67.4	T.		
Tallassee	•	•	•	3.81		Marvell	95	58	72.2	7.02		Magalia	102	48	72.0	0.00		
Thomasville	102	59	80.6	4.79		Mossville	84	53	69.5	7.64		Mainnooth	112	60	87.3	0.00		
Tuscaloosa	100	55	79.8	1.39		Mount Nebo	87	59	72.4	9.95		Marysville	108	50	74.6	T.		
Tuscumbia	95	58	77.4	3.37		New Lewisville	94	60	78.3	5.10		Merced	108	41	72.7	0.00		
Tuskegee	98	61	79.8	1.37		Newporta	•	•	•	3.91		Mercury	•	•	•	0.10		
Uniou Springs	99	61	80.2	2.28		Newport b	95	58	77.0	3.78		Mills College	•	•	•	0.07		
Unioutown	98	55	77.9	3.58		Northrop	99	51	73.5	6.38		Milo	•	•	•	0.00		
Valleyhead	95	53	74.6	1.58		Oregon	99	51	73.5	6.38		Milton (near)	103	50	74.0	T.		
Verbena	•	•	•	0.95		Osceola	94	59	75.6	2.42		Modesto*1	104	55	76.8	0.00		
Wetumpka	97	55	79.4	3.81		Paragould	94	54	76.0	3.62		Mohave	105	60	82.2	0.00		
<i>Alaska.</i>	•	•	•	0.00		Perry	93	62	77.6	10.54		Mokelumne Hill	•	•	•	T.		
Killisnoo	63	35	49.4	3.35		Pinebluff	96	60	78.0	9.34		Montague	101	40	61.6	0.10		
Sitka	56	32	47.0	3.22		Pocahontas	93	54	73.9	4.45		Monterio	94	46	67.0	0.00		
<i>Arizona.</i>	•	•	•	0.00		Pond	87	52	72.0	12.01		Monterey *1	83	47	56.8	0.00		
Aqua Caliente	112	60	86.6	0.00		Prescott	94	63	77.8	5.91		Mount St. Helena	•	•	•	T.		
Aztec	117	67	92.2	0.15		Princeton	95	57	77.0	9.33		Napa	100	47	66.8	T.		
Benson	52	•	•	T.		Rison	94	55	75.0	8.15		Needles	111	70	91.5	0.00		
Bisbee	95	53	74.0	0.22		Russellville	94	60	76.6	9.74		Nellie	•	•	•	0.00		
Blue	99	40	69.2	0.11		Silversprings	89	57	71.4	11.14		Nevada City	97	38	66.5	T.		
Bowie	103	41	75.8	0.46		Spielerville	91	61	75.5	10.26		Newman	107	50	77.0	0.04		
Buckeye	106 ^c	58 ^c	82.1 ^c	0.00		Stuttgart	93	53	76.2	6.37		Niles	96	44	65.2	0.08		
Casagrande	115	58	85.0	T.		Texarkana	94	59	77.2	6.65		Nordhoff	•	•	•	0.41		
Cochise*1	99	72	84.7	0.00		Warren	98	57	78.4	7.50		North Bloomfield	100 ^b	44	64.2	T.		
Congress	102	64	83.6	T.		Wiggs	92	56	74.2	8.03		Oakland	94	50	64.7	T.		
Douglas	104	52	78.2	0.09		Winchester	95	59	77.8	9.40		Ontario (near)	98	44	72.0	0.00		
Dragoon*1	99	70	80.3	0.00		Witts Springs	86	54	69.4	7.26		Orland	112	50	79.4	T.		
Dudleyville	110	50	80.5	0.05		Alturas	•	•	•	0.22		Orleans	110	46	72.5	0.85		
Duncan	112	34	72.8	0.25		Angiola	106	45	76.4	0.00		Oroville (near)	109	50	77.2	0.00		
Fort Apache	98	36	67.1	0.05		Azusa	98	43	70.8	0.00		Palermo	109	45	74.6	T.		
Fort Defiance	85	32	58.4	0.55		Barford	110	64	89.8	0.00		Peachland*5	94	51	66.2	0.01		
Fort Grant	99																	

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
California—Cont'd.	°	°	°	Ins.	Ins.	Colorado—Cont'd.	°	°	°	Ins.	Ins.	Florida—Cont'd.	°	°	°	Ins.	Ins.
San Bernardino	102	42	71.0	0.00		Platte Canon	94	45	66.4	4.18		Summer	94	61	78.0	5.26	
San Jacinto				0.00		Rockyford	94	45	66.4	2.20		Switzerland	94	63	78.0	4.76	
San Jose	99	46	67.8	0.00		Saguache	84	32	57.2	0.68		Tallahassee	97	52	81.0	1.33	
San Leandro	95	45	63.4	0.02		Salida	81	31	56.6	1.78		Tarpon Springs	92	63	78.5	2.21	
San Mateo*	94	56	72.1	0.00		San Luis	97	28	57.4	0.85		Titusville	99	63	78.8	7.09	
San Miguel*	101	50	70.4	0.00		Santa Clara	80	30	55.2	4.99		Wausau	100	59	79.0	5.30	
San Miguel Island				0.00		Silt	86	36	61.4	0.89		Wewahitchka	98	63	80.7	1.87	
San Rafael	98	42	66.4	0.00		Sugar City	76	32	54.2	3.07		Georgia.					
Santa Barbara	95	50	64.4	0.00		Sugar Loaf	76	32	54.2	2.91	T.	Abbeville					
Santa Clara College	101	43	65.7	0.00		Telluride	78*	26*	51.4*			Adairsville	94	58	76.6	1.65	
Santa Cruz	94	40	60.4	T.		Trinidad	87	41	63.2	2.66		Albany	100	58	81.0	2.04	
Santa Maria	85	44	62.7	0.00		Victor	77	29	52.6	3.39		Allapaha	97	58	78.5	3.23	
Santa Monica	91	49	64.3	0.00		Vilas				3.14		Americus	98	58	79.3	2.65	
Santa Rosa	99	41*	64.4	0.07		Wagon Wheel	76	24	48.4	0.48	2.0	Athens	92	57	75.6	2.93	
Shasta	109	50	78.8	0.00		Walden	81	29	53.0	0.91		Bainbridge	98	64	80.9	4.78	
Sierra Madre	92	50	68.7	0.08		Wallet				5.34		Blakely	101	57	80.0	2.37	
Sisson	103	39	63.9	0.00		Waterdale	87	39	59.4	1.72		Bowersville	96	58	76.2	4.02	
Snedden				0.00		Westcliffe	78	30	54.4	1.39		Butler				1.39	
Sonoma				0.00		Whitepine	73	24	47.1	2.25	3.0	Canak	96	52	77.2	3.54	
Sonora	94	60	78.0	T.		Wray	90	38	66.5	6.25		Carrollton	97	52	76.8	3.95	
Stockton	100	51	71.3	0.00		Yuma				4.98		Canton				3.60	
Storey	106	46	74.2	0.00		Connecticut.						Carlton				4.63	
Summerville	84	40	62.2	0.02		Bridgeport	94	44	67.2	2.99		Clayton	93	44	70.7		
Summit	74	40	60.1	0.05		Canton	91	37	63.3	3.09		Columbus	98	60	80.5	1.98	
Susanville	88	35	59.9	0.08		Colchester	91	38	64.5	2.87		Covington	99	54	76.6	2.18	
Tehama*	106	65	82.3	0.23		Fall Village				8.78		Dahlonega	93	50	73.0	1.32	
Tejon Ranch	98	53	78.0	0.00		Hartford	92	44	66.4	3.39		Dawson	99	55	78.8	2.74	
Truckee*	82	40	52.2	0.00		Hawleyville	90	39	66.0	2.38		Dublin				1.66	
Tulare c	104	52	75.2	0.00		Lake Konomoc				3.54		Dudley	100	55	79.2	2.51	
Tustin				0.00		New London	92	45	65.4	2.14		Eastman	99	54	80.4	2.05	
Ukian	105	41	68.8	0.12		North Grosvenor Dale	93	40	64.4	2.20		Eatonton	98	55	77.8 ^a	0.96	
Upland	93	48	68.4	0.00		Norwalk	98	40	66.8	3.19		Elberton	97	55	77.0	5.18	
Upperlake	103	42	69.9	0.02		Southington	92	41	65.6	2.63		Experiment	94	55	76.8	0.83	
Upper Mattole				0.55		South Manchester				2.28		Fitzgerald	103	55	80.0	4.28	
Vacaville*	106	55	74.2	0.00		Storrs	90	41	63.2	2.53		Fleming	101	55	78.0	6.39	
Ventura	80	49	63.2	0.00		Voluntown	95	35	63.8	3.53		Forsyth	97	54	78.4	2.42	
Visalia	105	49	75.4	0.00		Wallingford				1.33		Fort Gaines	96	60	79.4	1.63	
Volcano Springs	116	53	85.2	0.00		Waterbury	95	40	67.4	4.20		Gainesville	95	55	75.2	1.42	
Wasco	107	48	77.6	0.00		West Cornwall	91	41	64.6	3.52		Gillsville	95	55	75.4	2.09	
Wheatland	106	52	74.4	T.		West Simsbury				2.46		Greenbush	94	55	75.2	2.11	
Willits	105	37	65.2	0.30		Delaware.						Greensboro	98	53	77.6	2.28	
Willow	105	54	76.6	T.		Milford	97	46	71.8	5.13		Griffin	98	54	77.2	1.66	
Zenia	92	32	58.9	1.24		Millsboro	99	44	71.6	3.46		Harrison	96	55	78.0	2.92	
Colorado.						Newark	94	46	69.2	3.29		Hawkinsville	102	54	79.2	4.00	
Alford	80	34	55.3	1.71		Seaford	94	44	69.5	2.02		Jesup	101	58	79.6	5.58	
Antelope Springs	74	22	47.7	1.0		District of Columbia.						Lost Mountain	96	53	76.2	5.40	
Ashcroft	70	25	48.0	2.61		Distributing Reservoir*	89	55	73.0	5.46		Louisville	95	54	77.8	4.09	
Blaine	96	47	69.6	8.05		Receiving Reservoir*	89	57	72.7	5.04		Lumpkin	98	59	79.2	1.00	
Boulder	85	42	61.2	2.72		West Washington	95	50	72.1	6.62		Mauzy	100	60	79.4	2.56	
Boxelder				2.25		Florida.						Milledgeville	97	53	78.1	0.79	
Breckenridge	73	27	46.6	2.43		Apalacheicola	90	62	79.6	3.84		Monticello	98	54	78.4	2.88	
Buenavista				0.18		Archer	96	63	78.6	4.62		Morgan	96	58	77.8	2.11	
Burlington	88	44	63.4	6.56		Avon Park	97	66	79.4	10.35		Newnan	98	54	77.6	1.39	
Canion	90	40	64.1	0.90		Bartow	97	66	80.6	11.76		Oakdale				1.75	
Castlerock	85	35	59.0	4.97		Bonifay	98	61	79.4	4.00		Point Peter	99	50	77.0	2.47	
Cheeseman	82	34	57.8	3.02		Brooksville	100	63	79.1	6.40		Poulton	97	55	77.6	3.02	
Cheyenne Wells	94	43	65.6	4.78		Carrabelle	93	61	79.9	3.13		Putnam	100	55	79.1	0.98	
Clearview	67	28	46.6	3.69		De Funik Springs	98	60	78.2	4.47		Quitman	99	63	79.4	5.21	
Colbran	88	35	61.6	1.23		Deland	96	64	78.7			Ramsey	92	51	74.9	2.39	
Colorado Springs	83	37	58.4	3.49	2.12	Eustis	99	65	80.3	6.20		Resaca				5.66	
Columbine Mine					27.0	Federal Point	96	63	78.2	5.14		Rome	96	53	76.6	4.13	
Conejos	80	30	56.2	1.36		Fernandino	94	67	78.2	4.54		St. Marys	98	64	78.4	7.20	
Cripple Creek				4.56		Flamingo	90	70	80.2	5.25		Statesboro	100	58	79.3	2.48	
Delta	97	32	65.0	0.20		Fort Meade	100	62	79.0	13.88		Talbotton	99	52	78.0	1.31	
Dumont				3.24		Fort Pierce	95	63	76.6	7.39		Tallapoosa	94	48	74.8	3.34	
Durango	87	35	60.6	0.47		Gainesville	97	64	79.0	6.08		Thomasville	99	62	79.6	2.49	
Fort Collins	87	38	59.9	1.68		Grasmere	97	66	80.0			Toccoa	94	54	74.4	2.01	
Fort Morgan	88	43	64.2	1.05		Huntington	98	60	78.2	4.52		Valona	96	62	77.4	6.69	
Fox	87	32	64.0	6.30		Hypoluxo	89	64	78.2	11.05		Washington	92	55	75.8	5.00	
Fruita	94	38	67.1	0.47		Inverness	100	62	79.6	8.91		Waverly	98	55	77.9	3.47	
Garnett	80	29	54.4	1.68		Kissimmee	97	64	79.3	8.19		Waycross	98	61	78.8	8.52	
Gilman				2.06	9.0	Lake City	102	64	79.3	6.68		Waynesboro	95	57	77.8	1.42	
Gleneyre	84	36	57.6	3.62		Maccleeny	99	61	78.2	2.86		Westpoint	102	51	79.8	3.17	
Glenwood	84	33	56.7	0.95		Madison	98	62	78.8	6.29		Woodbury	96	54	76.9	2.46	
Greeley	88	43	62.8	1.74		Malabar	96	66	79.0	7.07		Idaho.					
Grover				2.20		Manatee	97	62	79.4	8.18		Albion	90	28	59.2	0.97	
Gunnison	81	25	53.7	0.90		Marianna	100	57	79.6	3.67		American Falls	93	30	59.8	0.58	
Halls Gulch	61	22	39.8	1.72		Merritt Island	92	68	78.8	7.58		Blackfoot	96	28	65.8		
Hamps	84	37	59.6	2.70		Miami	90	61	79.6	6.06		Blue Lakes	95	31	65.2	0.41	
Hoehne	92	35	62.2	1.71		Micanopy	100										

TABLE II.—*Climatological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Idaho—Cont'd.</i>	°	°	°	Ins.	Ins.	<i>Indiana.</i>	°	°	°	Ins.	Ins.	<i>Iowa—Cont'd.</i>	°	°	°	Ins.	Ins.
Pollock	98	35	63.0	1.49		Anderson	88	44	68.3	4.13		Clarinda	91	43	68.1	4.86	
Porthill	89	23	58.2	1.40		Angola	88	48	66.4	1.73		Clearlake	88	46	68.4	5.30	
Priest River	92	28	56.2	1.65		Auburn	86	44	65.9	1.70		Clinton	94	45	69.2	1.64	
Riddle	95	23	54.6	0.48		Bloomington	88	53	70.8	4.44		College Springs	90	49	69.5	5.04	
Roosevelt	80	19	49.0	1.15	1.0	Bluffton	93 ^c	44	67.9 ^a	2.19		Corning	87	48	68.3	3.81	
St. Maries	91	33	60.6	1.73		Butlerville	89	50	70.3	4.72		Corydon	85	49	68.0	1.73	
Soldier	91	20	55.0	0.00		Cambridge City	88	49	68.0	2.80		Cresco	90	46	65.4	2.45	
Vernon	87	20	56.6	1.20		Columbus	91	49	69.7	2.65		Cumberland	87	44	65.7	3.71	
Weston	88	31 ^c	60.4 ^c	0.63		Connerville	88	50	68.8	2.84		Decorah	87	44	65.7	2.34	
<i>Illinois.</i>						Crawfordsville	89	48	69.4	2.80		Delaware	86	45	66.0	2.50	
Albion	91	54	71.7	3.57		Delphi	92	46	68.8	2.86		Denison	88	45	66.2	4.02	
Aledo	87	47	67.8	2.03		Elkhart	90	46	67.4	3.75		Desoto	86	49	67.2	2.14	
Alexander	86	52	69.6	4.90		Farmersburg	88	50	70.0	3.60		Dows	86	42	65.0	5.52	
Antioch	92	39	65.0	1.39		Farmland	87	48	67.0	3.03		Earlham	85 ^c	41 ^c	64.1 ^c	2.41	
Ashton	89	40	65.8	1.32		Fort Wayne	95	47	67.6	1.20		Elkader	89	45	67.2	2.75	
Astoria	86	49	67.6	4.16		Franklin	89	50	69.6	2.82		Estherville	87	42	63.8	5.27	
Aurora	91	41	67.0	1.96		Greencastle	87	50	69.0	3.22		Florence	85	44	65.7	7.59	
Beardstown				4.93		Greenfield	50	.....	.....	2.30		Forest City	85	43	65.4	4.09	
Benton	94	55	73.8	3.57		Greensburg	92	49	70.2	5.39		Fort Dodge	87	46	66.0	7.73	
Bloomington	92	46	71.6	1.40		Hammond	92	49	66.4	0.91		Fort Madison	85	44	66.6	3.70	
Bushnell	89	50	69.6	3.70		Hector	94	48	68.3	4.91		Galva	93	44	66.6	3.57	
Cambridge	89	48	69.0	1.58		Holland	94	53	72.8	7.63		Gilman	85	48	65.0	0.44	
Carlinville	87	51	70.4	3.86		Huntington	88	48	67.4	1.80		Glencoe	84	46	65.2	3.03	
Carrollton	87	53	70.0	4.83		Jeffersonville	94	56	74.2	2.01		Grand Meadow	84	44	66.6	1.99	
Charleston	90	50	71.1	1.96		Kokomo	90	50	69.0	5.37		Greene	88	44	66.6	4.30	
Chester				4.36		Lafayette	91	49	69.6	2.05		Greenfield	90	47	67.7	2.61	
Cisne	90	47	71.7	2.78		Logansport	91	48	69.2	1.28		Grinnell	89	47	68.0	1.22	
Coatsburg	88	53	69.2	6.21		Madison a	95	52	73.4	3.18		Grundy Center	87	41	65.6	1.89	
Cobden	93	55	73.0	5.84		Madison b	92	50	71.7	3.33		Guthrie Center	90	46	67.6	5.06	
Danville	91 ^c	43 ^c	69.9 ^c	3.94		Marengo	89	48	68.2	3.89		Hampton	87	45	66.2	4.73	
Decatur	90	49	70.0	2.18		Marion	89	48	68.2	3.89		Hannontown	84	44	63.8	5.16	
Dixon	91	45	67.8	2.27		Markle	88	45	66.8	2.80		Harlan	93	44	67.4	4.24	
Edinburgh	86	52	69.7	3.21		Mauzy	91	47	68.5	3.19		Hopeville	87	49	67.9	2.28	
Equality	94	55	74.4	3.95		Moore Hill	90	51	70.0	3.43		Humboldt	88	44	66.6	8.35	
Fandon	85	53	68.8	4.30		Mount Vernon	96	57	74.4	4.10		Ida Grove	91	47	68.4	2.57	
Flora	88	53	70.6	5.14		Northfield	88	43	66.6	2.78		Independence	85	44	65.2	2.05	
Friendsgrove	90	54	71.0	3.42		Paoli	93	50	71.4	4.45		Indianola	89	50	68.3	1.73	
Galva	90	46	68.2	2.49		Princeton	90	54	71.7	4.37		Iluwood	89	45	65.5	4.08	
Grafton				5.99		Rensselaer	92	48	69.0	0.52		Iowa City	90	48	68.8	2.14	
Greenville	89	53	70.6	5.33		Richmond	89	47	67.8	3.48		Iowa Falls	88	43	65.4	5.45	
Griggsville	88	56	70.2	5.05		Rochester	88	47	67.2	1.64		Jefferson	87	43	64.9	3.94	
Hallway	90	58	72.6	2.47		Rockville	87	49	68.9	1.98		Kenoshaqua	87	50	69.0	4.85	
Halliday	90	46	68.4	3.90		Rome	96 ^c	54	75.3 ^c	3.62		Lacona	91	47	68.4	2.00	
Havana	91	50	69.2	3.40		Salem	94	49	72.5	3.33		Larabee	94	42	67.2	5.39	
Henry	88	46	68.3	3.22		Scottsburg	92	54	73.4	3.21		Leclaire	86	41	67.0	1.02	
Hillsboro	90	52	70.4	4.54		Seymour	90	47	71.0	4.68		Leoux	86	48	67.0	3.45	
Hoopeston				1.87		South Bend	89	44	66.9	1.16		Leon	85	50	68.4	3.43	
Joliet	89	46	68.6	0.94		Syracuse	89	43	67.5	1.26		Logan	93	43	68.9	3.12	
Kishwaukee	90	43	67.4	1.24		Topeka	86	43	66.4	1.00		Maple Valley	87	43	67.7	3.20	
Knoxville	87	47	66.4	3.50		Valparaiso	93	46	69.4	1.71		Maquoketa	87	43	66.2	0.99	
Lagrange	91	41	66.2	0.79		Vevey	89 ^c	45 ^c	69.1 ^c	2.72		Marshalltown	91	45	67.6	0.85	
Laharpe	90	50	68.6	4.00		Washington	92	52	70.1	5.32		Mason City	86	46	66.3	6.60	
Lanark				1.12		Winamac	89	43	68.4	0.88		Massena	91	45	68.4	2.97	
Loami				4.76		Worthington	91	51	72.0	3.93		Montezuma	87	43	67.7	1.18	
McLeansboro	92	54	72.0	4.67		<i>Indian Territory.</i>	95	60	75.4	4.73		Monticello	88	43	70.6	0.90	
Martinsville	88 ^c	52 ^c	70.8 ^c	4.61		Ardmore	93	57	75.6	8.05		Osage	86	43	65.4	6.10	
Martinton	90	45	68.4	1.68		Chickasha	91	50	75.2	9.20		Oscoda	89	49	68.3	2.79	
Mascoutah	87	54	69.2	6.90		Clarendore	91	50	75.2	9.20		Oskaloosa	88	48	67.8	1.49	
Mattoon	89	50	72.8	2.28		Durant	97	62	77.0	7.51		Ottumwa	88	51	69.2	2.76	
Minonk	90	43	68.1	1.61		Fairland	88	56	72.9	7.72		Pacific Junction	90	47	68.3	2.72	
Mounouth	90	47	68.2	2.86		Hartshorne	92	59	75.8	15.00		Perry	89	49	68.4	3.22	
Morrison	88	45	66.8	1.13		Headton	93	58	75.8	9.61		Plover	88	44	65.6	4.42	
Morrisonville	87	53	69.2	4.05		Holdenville	92	55	75.2	11.86		Pocahontas	87	44	66.2	4.84	
Mount Carmel				3.05		Muskogee	92	57	74.8	8.42		Primghar	88	43	65.0	4.30	
Mount Pulaski	89	50	69.8	3.44		Oklmulgee	92	57	75.3	13.94		Redoak	85	49	69.0	3.60	
Mount Vernon	90	54	72.3	5.17		Paul Valley	95	56	75.0	10.15		Ridgeway	94	48	68.7	2.98	
New Burnside	92	53	73.8	3.83		Ravia	94	58	76.4	11.37		Rock Rapids	92	40	67.3	2.30	
Olney	91	54	72.1	3.06		Roff	95	59	76.2	13.50		Rockwell City	89	46	67.4	5.35	
Ottawa	89	45	68.6	1.89		South McAlester	92	57	76.0	13.91		Ruthven	94	42	68.2	3.88	
Palestine	95	52	72.0	2.22		Tulsa						Sac City	89	46	66.4	4.77	
Pana	88	51	70.0	3.50		Afton	90	49	69.5	2.55		St. Charles	86	51	67.7	2.09	
Paris	90	53	70.4	2.32		Albia	87	48	67.4	1.67		Sibley	86	39	67.3	4.96	
Peoria a				2.53		Algona	85	43	65.6	3.71		Sigourney	92	42	68.7	1.53	
Peoria b	96	53	73.4	2.44		Allerton	86	48	68.4	2.36		Sioux Center	89	40	65.4	4.57	
Philo	89	46	68.8	2.71		Alta	86	43	64.8	3.63		Stockport	84	54	69.4	6.27	
Plumhill	88	53	70.5	5.95		Amana	89	47	67.8	0.59		Storm Lake	85	43	64.5	3.66	
Pontiac	90	41	69.6	1.95		Ames	88	46	67.4								

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Iowa—Cont'd.	°	°	°	Ins.	Ins.	Kansas—Cont'd.	°	°	°	Ins.	Ins.	Maine—Cont'd.	°	°	°	Ins.	Ins.
Waverly	86	46	65.8	3.43		Edmonton	91	52	72.2	2.35		The Forks	°	°	°	4.64	
Westbend	87	42	65.3	6.93	1.66	Eubank	89	49	70.8	3.77		Thomaston	82	35	58.0	1.68	
West Union						Falmouth				3.96		Vanburen	87	33	57.2	2.74	
Whittier	90 ^a	47 ^a	68.6 ^a			Fords Ferry	92	50	72.8	4.06		Vanceboro	84	30	58.6	0.64	
Wilton Junction	90	46	68.7	1.40		Frankfort	90	54	72.6	3.01		Maryland.					
Woodburn						Franklin	89	55	74.5	1.45		Annapolis	95	51	72.6	6.67	
Zearing	86	46	66.0	1.79		Greensburg	97	50	73.5	2.47		Bachmans Valley	93	41	67.8	3.82	
<i>Kansas.</i>						Hightbridge	92	52	72.7	2.12		Boottcherville	98	45	71.6	2.99	
Achilles	90	38	65.6	4.11		Hopkinsville	91	53	74.0	1.92		Cambridge	98	48	73.8	3.14	
Alton	93	44	69.0	6.93		Irvington	93	54	73.7	3.85		Chase	97	45	68.8	5.32	
Anthony						Jackson	89	54	72.2	4.75		Cheltenham	93	47	70.1	4.58	
Atchison	85	52	69.8	5.87		Leitchfield	91	54	72.3	6.03		Chestertown	92	47	69.8	5.63	
Baker	88	50	69.6	5.28		Loretto	94	50	72.2	1.49		Chewsville	94 ^b	30	68.2 ^b	5.47	
Beloit	95	49	71.6	7.57		Mayfield	91	57	74.4	2.83		Clearspring	91	44	67.9	3.51	
Burlington	92	53	71.4	11.65		Marysville	94	52	72.8	4.53		Coleman	95	47	70.9	3.71	
Clay Center	92	45	70.2	6.56		Middleboro	90 ^c	52 ^c	71.4 ^c	2.85		Collegepark	98	45	70.1	6.28	
Coffeyville	98	56	75.6			Mount Sterling	90	54	73.2	2.62		Colora.					4.84
Colby	92	39	66.7	7.11		Owensboro	91	58	73.8	2.79		Cumberland					2.45
Columbus	90	56	72.0	10.78		Owenton	99	54	74.9	2.38		Darlington	98	47	69.5	4.26	
Cunningham	92	51	71.4	3.08		Paducah a.						Deerpark	88	36	61.8	5.17	
Eldorado	90	51	70.4	8.26		Paducah b.	97	60	76.8	3.42		Denton	95	41	71.2	5.11	
Ellinwood	93	43	69.2	8.25		Princeton	92	51	74.4	3.13		Easton	94	46	70.2	3.87	
Ellsworth	98	46	71.7	7.58		Richmond	91	52	73.2	4.22		Fallston	94	46	68.6	4.02	
Emporia	88	54	70.2	9.51		St. John	89	53	71.4	3.25		Frederick	94	46	70.8	5.88	
Englewood	96	50	74.8	4.86		Scott	91	52	71.4	2.23		Grantsville	93	40	64.9	2.71	
Enterprise	92 ^d	49	69.6 ^d	8.11		Shelby City	91	50	71.5	2.64		Greatfalls	95	46	71.0	9.94	
Eureka						Shelbyville	94	52	74.3	3.31		Greenspring Furnace	94	44	70.5	4.93	
Fall River	90	54	71.4	16.07		Taylorville	93	52	72.9	5.04		Hancock	97	45	71.2	4.10	
Farnsworth	93	41	68.4	3.50		Williamsburg	91	53	72.6	5.04		Harney					3.76
Forsha	90	50	70.2	5.48		Williamstown	88	53	70.4	2.03		Jewell.	93	50	71.5	4.19	
Fort Leavenworth	88	53	71.6	5.73		Louisiana.						Johns Hopkins Hospital	95	49	72.9	3.82	
Fort Scott	93	53	71.8	12.88		Abbeville	98	63	81.4	5.00		Laurel	97	50	72.1	6.39	
Frankfort	93	47	70.3	5.71		Alexandria	98	62	80.4	3.65		Mount St. Marys College	92	47	63.5	4.56	
Fredonia	88	54	71.2	14.27		Amite	97	61	80.0	3.89		New Market	92	45	69.5	6.36	
Garden City	98	44	70.6	2.64		Baton Rouge	96	63	81.0	3.86		Oakland	86	37	63.6	3.13	
Gove* ^e	99	50	67.4	2.62		Burnside	94	61	79.0	6.63		Pocomoke City	93	46	72.6	3.04	
Grenola	88	51	69.9	10.71		Calhoun	97 ^f	56 ^f	78.4 ^f	4.18		Prince Fredericktown	97	47	71.8	4.00	
Harrison	90	48	67.6	5.49		Cameron	90	65	81.2	1.16		Princess Anne	92	42	70.9	2.50	
Holton	50					Caspiana	98	62	79.9	4.54		Solomons	93	54	72.8	2.96	
Horton	88	49	69.2	4.86		Cheneyville	98	62	81.2	4.37		Sudlersville	97	45	71.2	3.31	
Hoxie	97	35	69.0	3.22		Clinton	94	60	78.8	3.26		Takoma Park	96	46	70.2	5.28	
Hugoton	96	50	70.9	5.96		Collinston	99	60	80.0	6.35		Van Bibber	93	47	69.0	6.46	
Hutchinson	93	47	69.5	5.58		Covington	98	61	81.2	3.00		Westerport	93	44	68.9	4.31	
Independence	96	56	74.2	11.78		Donaldsonville	95	64	80.0	4.89		Woodstock	96	47	71.0	3.13	
Jetmore	98	48	69.9	2.58		Emilie	94	64	79.2	3.84		Massachusetts.					
La Crosse	96	44	69.6	2.71		Farmerville	95	63	80.0	3.43		Amherst	92	41	65.3	5.35	
Lakin	94	44	69.2	4.74		Franklin	99	62	81.3	3.03		Bedford	85	38	61.6	4.07	
Larned	93	42	68.8	3.92		Grand Coteau	96	64	80.6	7.45		Bluehill (summit)	90	44	61.6	2.86	
Lebanon	89	44	70.0	3.70		Hammond	98	60	80.1	4.34		Cambridge	93	40	64.1	2.64	
Lebo	90	53	70.4	7.62		Houma	98	61	80.2	2.73		Chestnuthill	94	39	63.8	2.75	
Macksville	95	47	69.6	4.53		Jennings	98	60	80.8	2.55		East Templeton	90	44	66.0	3.60	
McPherson	93	48	71.5	8.77		Lafayette	97	63	80.1	5.86		Fall River.	91	45	63.4	3.22	
Manhattan b.	94	48	72.4	6.31		Lake Charles	95	65	78.6	3.44		Fitchburg a*	88	46	63.9	3.63	
Manhattan c.	93	47	71.6	5.62		Lakeside	98	65	81.0	5.25		Fitchburg b	91	38	64.2	3.48	
Marion	93	51	71.5	11.70		Lawrence	94	66	80.8	2.73		Framingham	92	39	65.8	2.70	
Medicine Lodge	100	50	74.2	5.91		Leesville	96	61	79.3	3.97		Groton	91	36	62.3	2.83	
Minneapolis	92	48	69.0	4.32		Libertyhill	99	57	79.8	3.20		Hyannis					5.03
Moran	89	54	71.0	11.18		Logansport						Jefferson					3.78
Mounthope	89	46	70.5	7.77		Mansfield	94 ^g	58 ^g	78.1 ^g			Lawrence	91	38	63.0	3.79	
Newton	91	52	71.4	11.46		Melville	95	60	80.1	2.33		Leominster					3.27
Norton	90	40	66.9	5.11		Minden	99	58	78.5	2.73		Lowell a.	91	39	65.8	4.00	
Norwich	91	53	71.6	6.93		Monroe	98	63	80.5	2.97		Lowell b.	91	38	64.4		
Oberlin						New Iberia	91	67	80.2	2.60		Ludlow Center	90	37	61.2	4.70	
Olathe	88	55	70.9	3.95		Opelousas	96	63	80.9	6.48		Middleboro	92	33	61.4	4.59	
Osage City	91	52	70.6	7.86		Oxford	97	60	79.4	7.24		Monson	90	40	65.6	2.49	
Osborne						Plain Dealing	97	57	77.5	4.34		New Bedford	89	42	61.6	5.46	
Osgewego	90	56	72.0	12.05		Port Eads	90	68	80.6	0.64		Plymouth*	91	44	61.7	2.70	
Ottawa	90	50	70.5	7.68		Rayne	96	65	81.2	4.09		Princeton					3.51
Paola	91 ^d	54 ^d	72.2 ^d	10.36		Reserve	96	64	79.8	3.90		Provincetown	89	49	64.9	1.65	
Phillipsburg	92 ^d	44 ^d	69.6 ^d	4.69		Robeline	97	60	79.4	4.39		Salem					3.34
Pleasanton	89	55	71.5	9.72		Ruston	98	61	79.6	2.47		Somerset*	96	40	66.8	4.17	
Pratt	96	49	71.2	4.46		St. Francisville	96	61	79.6	1.92		Sterling					3.54
Republie	90	45	68.8	7.52		Gardiner	89	41	62.6	1.29		Taunton	92	33	61.6	3.37	
Rome	96	58	72.6	10.72		Grant Farm						Webster					2.22
Salina	94	45	70.2	5.27		Houlton	88	39	62.2	2.52		Westboro	94	37	65.4	2.44	
Sedan	96	56	73.0	11.37		Lewiston	90	43	63.2	2.64		Weston	90	37	62.2	2.60	
Ulysses	94	47	69.8	3.03		Madison	89	41	62.4	3.36		Willianstown	86	41	64.8	5.29	
Valley Falls	87	50	69.0	3.47		Mayfield	84	41	59.8	3.17		Winchendon					

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.			Temperature. (Fahrenheit.)			Precipita- tion.			Stations.			Temperature. (Fahrenheit.)			Precipita- tion.			Stations.			Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.		Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.		Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.		Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.		Rain and melted snow.	Total depth of snow.			
<i>Michigan—Cont'd.</i>	°	°	°	Ins.	Ins.		<i>Minnesota—Cont'd.</i>	°	°	°	Ins.	Ins.		<i>Missouri—Cont'd.</i>	°	°	°	Ins.	Ins.		<i>Montana.</i>	°	°	°	Ins.	Ins.
Cassopolis	92	45	67.6	0.90			Grand Meadow	84	45	66.7	5.30			Avalon	87	53	70.2	5.33			Adel	89	27	54.4	1.27	
Charlevoix	83	39	63.0	0.58			Hallowell	90	36	61.4	5.12			Bagnell	88	30	56.4	6.99	T.		Anaconda	88	27	54.4	1.27	
Batham	84	31	58.3	3.31			Lake Winnibigoshish	83	42	61.1	2.16			Bethany	89	50	68.4	2.25			Augusta	90	32	56.4	0.99	
Cheboygan	89	34	62.6	1.00			Leech	84	38	60.4	2.74			Birchtree	87	57	71.3	5.10			Boulder	88	32	57.3	0.89	
Clinton	89	43	66.4	1.07			Long Prairie	86	33	62.5	2.85			Blue Springs	85	54	70.1	6.15			Bozeman	84	32	55.2	1.74	
Coldwater	89	45	66.7	1.30			Luverne	85	40	63.8	6.98			Boonville	87	56	69.4	7.04			Butte	85	34	55.9	1.00	
Deer Park	83	32	54.6	1.58			Lynd	85	38	62.4	4.54			Brunswick	87	50	75.0	4.80			Canyon Ferry	90	35	60.1	1.44	
Detour	83	41	59.4	1.62			Mapleplain	86	42	64.8	3.60			Caruthersville	90	57	69.0	5.38			Cascade	94	37	61.6	1.54	
Dundee	91	43	67.3	1.30			Milaca	88	30	60.6	6.12			Conception	86	50	69.0	5.38			Chester	94	32	60.9	0.09	
Eagle Harbor	80	25	53.8	1.50 ^b			Milan	84	44	63.2	4.13			Darksville	86	51	68.2	5.17			Chinook	96	38	68.0	2.26	
East Tawas	84	40	62.8	1.25			Minneapolis ¹	86*	42	56.6	3.70			Dean	90	54	73.4	6.32			Columbia Falls	95	28	54.8	1.50	
Eloise	91	47	67.0	0.79			Montevideo	85	44	64.8	4.31			Desoto	87	52	70.4	6.47			Crow Agency	91	38	63.3	2.05	
Ewen	82 ^c	25	59.6	1.31			Morris	84	42	62.4	3.87			Doniphan	90	54	73.4	6.32			Culbertson	94	36	61.2	1.81	
Fenville	89	42	65.8	0.74			Mount Iron	85	31	60.0	2.83			Downing	87	52	70.4	2.24			Dayton	93	37	62.4	1.15	
Fitchburg	88	40	64.4	2.32			New London	90	46	65.8	2.50			Fairport	87	52	70.4	8.09			Peerlodge	84	30	54.3	1.91	
Flint	89	40	65.8	0.67			New Richland	89	44	65.4	4.08			Fayette	87	52	67.8	6.19			Dillon	85	27	56.2	1.91	
Frankfort	86	40	61.0	....			New Ulm	89	44	66.0	7.21			Fulton	89	54	70.0	5.55			Fox	84	27	56.2	1.91	
Gladwin	87	39	65.3	4.20			Park Rapids	85	36	60.4	3.05			Gallatin ^{*1}	90	58	71.1	7.45			Gordon	87	56	70.6	7.68	
Grand Haven	88	44	63.4	1.24			Pine River	87	38	62.6	4.38			Gano	88	52	70.6	6.70			Graham	87	56	70.6	2.27	
Grand Marais	80	38	56.8	3.66			Pipestone	80	43	62.2	5.37			Grant City	88	51	68.6	4.40			Graves	87	56	70.6	6.40	
Grape	90	43	66.6	1.49			Pleasant Mounds	82	42	63.8	3.84			Halfway	86	52	69.9	10.91			Greenwood	87	56	70.6	9.84	
Grayling	94	36	63.7	1.13			Pokegama Falls	87	32	58.6	2.46			Harrisonville	88	53	71.2	7.07			Grotto	87	56	70.6	3.20	
Hagar	92	42	65.0	1.60			Redwing ^a							Hazlehurst							Hughes	87	56	70.6	6.02	
Harbor Beach	91	42	61.3	1.26			Reeds							Hermann							Iola	87	47	69.2	10.27	
Harrison	89	42	66.0	3.00			Rolling Green	85	45	64.6	3.39			Houston	87	55	68.8	5.65			Jackson	93	53	73.2	8.71	
Harrisville	91	42	60.2	5.68			St. Charles	84	42	64.6	4.42			Huntsville	86	55	69.8	5.65			Jefferson City	88	55	70.1	4.62	
Hastings	89	43	66.4	4.01			St. Cloud	86	43	63.9	3.89			Ironton	90	47	70.4	8.86			Joplin	88	51	72.8	6.27	
Hayes	87	40	62.5	1.50			St. Peter	85	41	65.2	3.09			Kidder	88	53	68.2	7.47			Koshkonong	88	55	71.6	5.17	
Highland							Sandy Lake Dam	85	35	60.6	3.87			Lamar	90	54	72.2	9.84			Lamonte					
Hillsdale	90	45	65.8	2.32			Shakopee	84	43	65.0	4.30			Lebanon	89	54	71.2	9.72			Lexington	87	54	70.3	5.38	
Humboldt	84	21	57.9	....			Tower	87	35	58.7	5.60			Liberty	86	53	70.7	5.18			Lockwood					
Ionia	87	42	64.2	....			Two Harbors	83	34	54.8	4.36			Louisiana	88	48	69.8	4.14			Louisiana	88	53	70.4	3.23	
Iron Mountain	86	34	61.8	2.70			Wabasha	87	45	67.2	4.56			Macon	87	53	70.4	5.87			Marblehill					
Iron River	83	32	60.6	5.20			Wadena	86	34	61.4	3.36			Maryville	86	45	68.1	3.93			Mexico	90	53	70.1	5.74	
Irouwood	83	33	62.2	2.03			Willow River	85	32	59.7	6.29			Miami ^{*6}	88	58	72.1	10.72			Monroe City	89	53	69.9	7.42	
Ishpeming	76 ^c						Winnebago	89	44	66.2	3.91			Montreal	88	47	68.8	8.36			Mountaingrove	88	51	69.6	6.23	
Ivan	90	35	63.4	1.26			Winona	84	48	65.6	3.91			Mount Vernon	90	50	71.4	7.98			Neosho	88	53	71.4	10.42	
Jackson	87	48	67.3	1.66			Worthington	85	49	64.7	6.42			Nevada							New Haven	88	53	71.7	7.18	
Jeddo	89	43	64.3	1.73			Zumbrota	84	40	63.8	8.40			New Madrid							New Madrid					
Kalamazoo	89 ^b	45 ^c	55.8 ^c	1.15			<i>Mississippi.</i>							New Palestine	87	55	70.6	6.76			New Palestine	87	55	70.6	5.87	
Lake City	88	32	67.6	1.80			Aberdeen	99	53	79.3	2.61			Oakfield	86	54	71.1	7.52			Oakfield	86	54	71.1	7.52	
Lansing	89	46	65.9	2.79			Agricultural College	97	59	77.0	1.77			Olden	90	50	71.4	6.85			Olden	90	50	71.4	6.85	
Lapeer	90	42	66.0	2.12			Austin	95	52	76.6	4.45			Oregon	89	53	70.6	7.31			Oregon	89	53	70.6	7.31	
Ludington							Batesville	98	57	78.0	3.73			Palmyra ^{*5}	86	54	72.6	8.10			Palmyra	86	54	72.6	5.39	
Mackinac Island	84	40 ^b	62.3 ^b	1.05			Bay St. Louis	92	63	79.4	4.23			Pine Hill							Pine Hill					
Mancelona	88	30	63.2	....			Biloxi	94	65	81.2	3.23			Prieton	93	52	71.2	1.60			Prieton	93	52	71.2	5.95	
Manistee	92	38	62.0	....			Booneville	94	59	76.8	2.77			Rockport							Rockport					
Marine City	94	37	64.0	2.38			Brookhaven	99	58	79.8	6.70			Rolla							Rolla					
Menominee	85	43	61.6	1.67			Columbia	100	53	78.3	3.90			St. Charles	87	55	71.6	5.75			St. Charles	87	55	71.6	5.75	
Midland	88	42	65.6	0.85			Corinth	94	53	77.0	3.03			St. Joseph							St. Joseph					
Mio	85	34	61.0	2.65			Crystall Springs	90	58	75.4	2.57			Sarcocie							Sarcocie					
Montague	83	41	63.2	2.10			Duck Hill	97	53	77.5	1.10			Sedalia	88	55	71.0	7.51			Sedalia	88	55	71.0	7.51	
Mount Clemens	97 ^a	43 ^a	66.0 ^a	0.94			Edwards	98	60	79.4	3.15			Seymour	87	45	68.8	9.82			Seymour	87	45	68.8	9.82	
Muskegon	85	44	65.1	1.93			Fayette	96	61	78.8	5.26			Sikeston	89	53	71.1	3.74			Sikeston	89	53	71.1	3.74	
Newberry	84	30 ^b	61.1 ^b	1.10			Fayette (near)							Steffenville	87	53	69.7	3.51			Steffenville	87	53	69.7	3.51	
Old Mission	87	42	63.9	0.90			Greenville ^a	92	63	78.0	8.62			Sublett	87	50	69.6	6.10			Sublett	87	50	69.6	6.10	
Olivet	87	47	66.0	2.43			Greenville ^b	95	59	79.0	8.82			Trenton	86	54	70.8	2.93			Trenton	86	54	70.8	2.93	
Omer	87	31	62.2	0.68			Greenwood	99	59	79.7	5.37			Unionville	86	50	69.1	3.15			Unionville	86	50	69.1	3.15	
Onaway	87	34	63.1	2.23			Natchez	98	62	80.6	2.60			Warrensburg	88	55	71.7	5.90			Warrensburg	88	55	71.7	5.90	
Ovid	88	44	65.8	1.70			Nitta Yuma	97	59	79.5	3.67			Warrenton	89	54	70.4	4.97			Warrenton	89	54	70.4	4.97	
Owosso	89	44	67.0	0.35			Okolona	100																		

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Montana—Cont'd.</i>	°	°	°	Ins.	1.36	Loup.....	°	°	°	Ins.	Ins.	<i>New Hampshire.</i>	°	°	°	Ins.	Ins.
Fort Benton.....	90	40	60.5	1.36		Lynch.....	91	39	66.4	5.79		Alstead.....	87	35	63.3	1.44	
Fort Harrison.....	89	35	60.5			McCook.....	96	40	66.9	5.46		Bartlett.....				1.78	
Glasgow.....	98	36	62.7	1.59		McCook Junction.....						Bethlehem.....	85	40	62.2	2.51	
Glendive.....	94	40	60.2	2.55		Madison.....	88	45	66.3	5.24		Brookline*1.....	92	35	65.9	2.79	
Grayling.....	79	20	47.9	1.17	2.0	Madrid.....	89	38	64.8	3.49		Chatham.....	88	37	60.4	1.95	
Great Falls.....	94	41	62.0	1.06		Marguerette.....						Concord.....	90	34	63.4	3.03	
Hamilton.....	87	30	57.8	0.67	T.	Mason.....						Durham.....	92	36	61.7	5.65	
Lame Deer.....	93	34	62.4	2.75		Minden.....	88	45	66.6	6.43		Franklin Falls.....	93	36	63.8	2.73	
Lewistown.....	91	31	57.4	0.50		Monroe.....						Grafton.....	92	32	63.0	2.80	
Lodge Grass.....	31	.....	2.57			Nebraska—Cont'd.						Hanover.....	91	36	63.8	1.48	
Marysville.....	83	30	54.6	0.67	T.	North Loup.....	90	52	68.3	2.87		Jefferson Highlands.....				1.97	
Missoula.....	90	33	60.0	0.68		Oakdale.....	91	42	67.0	5.22		Keene.....	92	33	64.0	1.98	
Ovando.....	97	26	53.4	1.06		Odell.....	92	42	66.2	5.90		Nashua.....	95	37	64.9	2.39	
Parrot.....	92	34	59.0	1.40		O'Neill.....	91	43	65.6	5.33		Newton.....	93	31	60.8	3.21	
Philipsburg.....	88	27	64.3	0.98	T.	Palmer.....						North Woodstock.....				2.26	
Plains.....	89	30	59.6	0.15		Palmyra.....						Plymouth.....	93	37	64.9	2.26	
Poplar.....	95	40	62.3	2.19		Pawlet.....						Stratford.....	87	37	61.3	1.60	
Red Lodge.....	84	25	54.2	1.12	4.0	Pawnee City.....	91	46	68.4	5.03		<i>New Jersey.</i>					
Ridgeglen.....	105	37	62.5	3.04		Plattsmouth a.....						Ashbury Park.....	97	48	67.2	2.62	
St. Pauls.....	91	37	60.6	2.49		Plattsmouth b.....	49	.....				Barnegat.....	96	39	68.6	3.18	
St. Peter.....	87	34	57.2	1.67		Purdum.....	93	40	64.9	4.22		Bayonne.....	96	48	69.0	2.50	
Springbrook.....	96	34	59.6	3.54		Ravenna.....	91	44	67.2	2.79		Belvidere.....	95	47	68.9	3.50	
Townsend.....			0.93			Red cloud.....	89	42	67.8	4.21		Bergen Point.....	95	48	68.6	2.78	
Troy.....	96	28	56.3	0.60		Republican.....						Beverly.....	96	46	70.0	3.32	
Two Dot.....	90	36	59.6	1.75		St. Libby.....						Blairstown.....	96	40	69.2	3.76	
Utica.....	90	33	57.0	1.73	T.	St. Paul.....	91	45	67.9	4.01		Bridgeton.....	100	45	72.5	1.91	
Wolf Creek.....	89	31	56.8	1.42		Sault.....						Canton.....				3.05	
Wolsey.....	83	27	52.6	1.22		Sauk.....	93	44	67.5	3.77		Cape May C. H.	96	44	69.1	3.80	
Yale.....	92	32	59.6	0.46		Schuyler.....						Charlotteburg.....	91	34	64.9	4.58	
<i>Nebraska.</i>						Seward.....	90	46	67.2	3.58		Chester.....	93	41	66.6	5.00	
Agate.....	87	31	59.8	2.97		Smithfield.....						Clayton.....	96	43	69.6	2.24	
Albion.....	88	45	65.4	3.66		Spragg.....						College Farm.....	97	43	68.8	2.50	
Alliance.....	93	37	65.8	4.28		Strang.....						Dover.....	92	40	65.6	5.20	
Alma.....	90	41	68.0	3.88		Stratton.....						Englewood.....	94	43	67.2	3.19	
Arapahoe.....			4.29			Stromsburg.....						Flemington.....	95	43	69.1	2.66	
Arcadia.....			7.26			Superior.....	90	47	69.0	5.46		Friesburg.....	97	42	69.7	3.30	
Ashland a.....	92	47	68.5	2.74		Tablerock.....						Highstown.....	95	46	68.8	3.85	
Ashland b.....			2.50			Tecumseh b.....	94	40	68.3	6.13		Imlaystown.....	94	46	70.0	2.18	
Ashton.....			3.65			Tecumseh c.....						Indian Mills.....	99	42	70.0	2.63	
Auburn.....	89	47	67.4	6.61		Tekamah.....	93	48	68.8	4.76		Lakewood.....	94	43	67.5	2.70	
Aurora.....	89	48	68.8	3.65		Turlington.....	88	48	67.8	2.81		Lambertville.....	95	44	70.2	3.73	
Bartley.....	95	42	68.2	4.78		University Farm.....	90	47	68.6	3.69		Layton.....	93	37	66.0	3.17	
Beatrice.....	89	47	68.0	5.30		Wahoo.....						Moorestown.....	94	46	69.0	3.07	
Beaver.....	93	46	67.7	4.04		Wakefield.....	90	41	65.8	6.57		Newark.....	95	46	68.7	3.00	
Belleview.....			2.80			Wauneta.....						New Brunswick.....	96	45	70.6	2.51	
Benkelman.....			4.46			Weeping Water.....						Newton.....	97	41	67.9	3.86	
Blair.....	90	47	67.1	3.72		Westpoint.....	90	45	66.9	5.30		Oceanic.....	93	49	67.6	2.61	
Bluehill.....			5.04			Wilber.....						Paterson.....	98	47	70.2	2.96	
Bradshaw.....			7.17			Wilsonville.....						Phillipsburg.....	95	43	69.0	3.26	
Bridgeport.....	89	44	63.7	2.40		Winnebago.....	88	39	65.8	4.81		Plainfield.....	95	43	68.0	2.67	
Broken Bow.....	92	39	65.6	3.73		Wisner.....						Pleasantville.....				2.58	
Burchard.....			5.37			Wymore.....						Rancocas.....				3.13	
Burwell.....			9.79			York.....	90	40	66.6	4.39		Rivervale.....	96	40	66.6	2.88	
Callaway.....	91	42	66.2	2.97		<i>Nevada.</i>						Salem.....	98	45	70.8	2.36	
Central City.....			5.08			Austin.....	87	36	61.8	0.05		Sandy Hook.....	95	49	68.0	2.94	
Chester.....			8.82			Battle Mountain.....	100	38	69.0	T.		Somerville.....	98	42	68.6	2.49	
Columbus.....	91	46	67.4	4.60		Belmont s.....	89	37	64.0	0.17		South Orange.....	93	45	67.8	2.24	
Crete.....	88	46	67.8	4.82		Beowawe.....	97	35	61.5	T.		Sussex.....	92	41	67.4	4.10	
Crookston.....			4.79			Candelaria.....	87	50	69.6	T.		Trenton.....	94	46	70.3	4.04	
Culbertson.....	93	45	68.0	5.76		Carson City.....	91	32	62.2	T.		Tuckerton.....	96	43	68.0	5.44	
Curtis.....	91	41	66.0	6.53		Cranes Ranch.....						Vineyard.....	98	43	69.2	2.73	
David City.....	87	45	66.3	3.27		Dyer.....	91	34	64.7	0.00		Woodbine.....	93	40	67.8	2.95	
Dawson.....	90	48	69.2	7.37		Elko.....	95	32	62.8	T.		Woodstown.....				2.00	
Edgar.....			5.44			Ely.....	90	30	60.4	0.15		<i>New Mexico.</i>					
Ericsen.....			4.20			Eureka.....	100	11	57.4	0.00		Almagordo.....	104	50	78.2	0.13	
Ewing.....			4.12			Fallon.....	93	39	66.0	0.00		Albert.....	95	48	71.2	3.22	
Fairbury.....	92	42	67.9	5.21		Fenelon *1.....	92	40	67.1	0.00		Albuquerque.....	93	47	71.3	0.32	
Fairmont.....	88	44	66.0	4.06		Geyser.....	92	30	66.8	0.27		Arabela.....	90	43	69.1	3.37	
Fort Robinson.....	87	36	61.1	4.40		Glenbrook.....						Bell ranch.....				4.04	
Fremont.....	90	47	67.5	5.09		Golconda*1.....	95	47	69.0	T.		Cambray.....				0.18	
Fullerton.....			6.93			Halleck*1.....	90	38	62.4	0.22		Carlsbad.....	102 ^a	57 ^a	78.9 ^a	5.13	
Geneva.....	90	46	67.8	5.54		Hawthorne.....	98	40	68.9	0.27		Cloudcroft.....	73	35	55.0	1.63	
Genoa (near).....	87	52	70.0	6.14		Humboldt.....	93	38	67.4	T.		Deming.....				0.60	
Gering.....	92	39	65.2	2.12		Lewers Ranch.....	90	33	62.5	T.		Dorsey.....	96	40	62.3	1.83	
Gothenburg.....	94	42	66.0	8.68		Martins.....	106	34	66.8	T.		Eagle Rock Ranch.....	85	39	61.9	1.86	
Grand Island a.....	91	50	69.1	4.98		Morey.....	100	35	65.9	T.		Engle.....	95	48	73.2	0.25	
Grant.....			6.12			Palisade.....	96	35	62.6	0.00		Fort Bayard.....	94	46	71.0	0.18	
Greeley.....			5.50			Palmetto.....	85	35	60.2	T.		Fort Union.....	87	35	62.0	2.07	
Guide Rock.....			6.02			Pioche.....	102	32	65.3	T.		Fort Wingate.....	86	35	64.4	0.85	
Halsey.....	95	40	65.4	5.46		Potts.....	91	27	59.9	0.00		Fruitland.....	95	40	66.6	0.85	
Hartington.....	86	42	64.4	5.05</													

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
New Mexico—Cont'd.	°	°	°	Ins.	Ins.	New York—Cont'd.	°	°	°	Ins.	Ins.	North Dakota—Cont'd.	°	°	°	Ins.	Ins.
Winsors	78 ^b	25 ^b	52, 9 ^b	1.72	Ins.	Scottsville	92	45	65.2	2.38	Ins.	Edgeley	90	37	62.0	5.40	
New York				5.08		Setauket	86	45	66.1	2.95		Ellendale	95	36	65.1 ^c	5.12	
Adams	90	43	66.9	1.94		Shortsville	86	45	66.1	3.85		Fargo	88	33	62.4	3.83	
Addison				3.42		Skaneateles	89	40	63.9	3.87		Forman	95 ^c	40 ^c	65.4 ^c	5.93	
Akron	88	40	65.8	3.16		Southampton	90	42	65.2	4.64		Fort Yates	94	42	63.6	7.41	
Alden	88	41	66.0	4.38		South Butler	87	40	64.6	2.08		Fullerton	89	37	61.5	4.60	
Amsterdam	91	41	66.0			South Canisteo	87	40	64.6	2.25		Glenullin	92	40	60.0	7.23	
Angelica	89	38	65.8			Southeast Reservoir	89	35	65.0	1.73		Grafton	90 ^c	42 ^c	61.2 ^c	6.65	
Appleton	89	40	63.8	1.70		South Kortright	89	35	65.0	1.73		Hamilton	90	33	62.0	8.55	
Arcade	85	37	63.4	4.06		South Schroon	85	36	61.9	3.24		Hannaford	90 ^c	37 ^c	61.6 ^c	6.10	
Athens	95	46	68.4	5.99		Spier Falls	90	42	66.0	5.81		Jamestown	96	35	64.4	7.09	
Atlanta				4.31		Straits Corners	89	39	63.3	2.56		Kulm	90	40	61.4	7.44	
Atwater				3.29		Ticonderoga	89	41	66.1	1.86		Lamoure				5.66	
Auburn	89	46	67.0	3.69		Volusia	83	44	64.1	1.16		Langdon	89	35	59.0	5.99	
Avon	88	42	65.8	1.68		Wappipiug Falls	94	42	68.1	7.07		Larimore	94	35	60.7	6.97	
Baldwinsville	88	46	66.0	3.41		Watertown	86	44	66.4	3.53		Lishon	88	35	62.1	5.47	
Ballston Lake	89	43	65.5	6.18		Waverly	92	40	67.4	3.33		McKinney	90	34	59.8	3.35	
Bedford	96	42	67.4	2.19		Wedgewood	85	46	64.2	3.39		Manfred	92	36	61.4	6.76	
Berlin	94	39	66.0	4.43		Wells	88	35	62.8	5.24		Mayville	92 ^c	41 ^c	62.4 ^c	2.01	
Blue Mountain Lake				2.60		West Berne	91	39	64.8	3.38		Medora	94	36	62.8	2.01	
Bolivar	88	36	64.4	1.59		Westfield b	88	46	66.0	1.05		Melville	90 ^c	38 ^c	62.6 ^c	7.30	
Bouckville	88	43	64.6	2.35		Windham	90	38	64.2	4.03		Milton	88	37	62.4	8.23	
Boys Corners				2.40		Youngstown			0.98			Minnewaukon	93	30	61.1	5.77	
Brockport	92	45	67.3	2.43		North Carolina						Minot	100	38	64.5	4.75	
Caldwell	93	41	67.4	5.55		Brevard	90	45	68.6	4.51		Minto	91	38	61.2	5.80	
Canajoharie	88	41	65.0	3.88		Brewers	95	45	70.6	8.70		Napoleon	92	34	60.6	6.64	
Cape Vincent	90	43	62.6	2.90		Bryson City			1.76			New England	88	36	59.2	4.20	
Caruel	91	45	66.8	2.44		Currituck			1.59			Oakdale	89	42	60.8	4.90	
Carvers Falls	86	40	63.6	4.07		Eagletown	94	49	73.7	3.41		Park River				6.57	
Chazy	90	42	64.9	3.54		Edenton	95	50	75.2	3.14		Pembina	90	38	61.8	8.15	
Cooperstown	87	43	64.2	4.00		Fayetteville	96	50	75.3	4.66		Portal	96	36	60.4	3.16	
Cortland	88	43	66.7	2.57		Flatrock	91	41	68.6	3.09		Power	87	36	62.3	7.59	
Cutchogue	92	50	67.4	4.31		Goldsboro	97	53	76.3	5.00		Rolla	88	35	59.0	6.20	
Deansboro				4.05		Graham			8.60			Rugby	90	37	60.7	8.15	
Dekalb Junction	85	42	64.6	3.02		Greensboro	95	49	73.2	8.29		Steele	93	36	60.7	6.56	
De Ruyter	88	38	63.4	3.00		Henderson	94	48	73.9	3.17		University	86	40	61.4	5.64	
Easton				6.54		Hendersonville	88	43	67.9	4.25		Wahpeton	87	38	62.0	7.88	
Elba	86	45	65.8	3.46		Henrietta	96	50	75.1	4.84		Walhalla	91	37	63.2	8.05	
Elmira	93	45	65.9	4.56		Highlands	84	40	63.0	3.95		Willow City	90	35	59.7	3.89	
Faust	84	34	62.1	2.80		Horse Cove	83	50	67.9	4.78		Wishek	96	36	60.3	7.07	
Fayetteville	92	46	67.6	2.22		Hot Springs	87	53	71.6			Ohio					
Fort Plain	91	42	67.9	3.91		Jefferson	85	43	67.1	6.97		Akron	90	46	66.9	2.68	
Franklinville	86	37	64.0	2.47		Kinston	99	51	77.6	1.29		Amesville	93	48	71.0	2.83	
Gabriels	90	29	59.6	3.02		Kittyhawk	91	58	74.2	2.58		Atwater				5.22	
Gansevoort				7.27		Lenoir	93	45	71.8	3.74		Bangorville	87	46	67.5	5.22	
Glens Falls	91	40	66.4	4.62		Lexington	98	47	73.3	4.76		Bellefontaine	89	48	66.8	4.11	
Gloversville	90	42	64.8	5.36		Lincolnton	97	50	75.3	3.22		Benton Ridge	90	47	68.2	1.81	
Greenwich	89 ^c	42 ^d	66.0 ^c	2.75		Linville	81 ^c	35 ^c	61.4 ^c	4.47		Bladensburg	98	46	68.0		
Griffin Corners	86	33	61.7	3.05		Littleton	95 ^c	48 ^c	73.9 ^c	2.80		Bowling Green	89	45	67.0	1.33	
Harkness	87	41	64.0	1.55		Louisburg	95	51	75.8	2.36		Lucyru	88	46	66.6	3.10	
Haskinville				2.87		Lumberton	98	50	76.9	5.37		Cadiz	89	50	69.2	5.65	
Hemlock	85	47	66.7	3.85		Marion	96	48	72.3	3.71		Cambridge	90	46	65.5	3.23	
Hunt	91	40	67.0	3.00		Monroe	98	49	75.8	7.82		Camp Dennison	95	50	71.6	2.79	
Indian Lake	83	30	60.3	2.97		Morganton	97	44	73.6	4.34		Canal Dover	88	44	68.3	3.45	
Ithaca	89	44	65.6	1.77		Mountairy	96	46	72.2	4.39		Canton	86	47	67.4	2.59	
Jamesstown	87	40	65.8	2.92		Murphy	96	46	71.8	6.45		Cardington	89	46	66.8	3.09	
Jeffersonville	91	39	65.4	2.99		Nashville	100	48	76.6	3.24		Circleville	91	51	70.2	2.35	
Keene Valley	91	36	63.2	1.49		Newbern	93	53	76.5	3.22		Clarendon	90	51	70.3	3.92	
Lake George	89	41	66.4	5.73		Pantego			Clarksville	91	52	70.4	2.49				
Leuxo				2.75		Patterson *1	89	46	65.9	3.06		Cleveland a	88	49	66.8	1.43	
Le Roy	87	46	66.3	2.54		Penclo	96	44	75.2	4.05		Cleveland b	89	47	68.2	1.87	
Liberty	86	42	63.6	3.16		Pinehurst	98	50	75.5	3.89		Bellefontaine	89	48	66.8	4.11	
Littlefalls, City Res.	86	41	64.4	4.13		Pittsboro	96 ^d	49 ^d	73.4 ^d	6.35		Benton Ridge	90	47	68.2		
Lockport	86	44	65.9	1.64		Reidsville	94	48	72.6	5.97		Bladensburg	98	46	68.0		
Lowville	87	39	63.3	3.40		Rockingham	100	53	77.4	8.77		Bowling Green	89	46	68.3		
Lyndonville				2.28		Salem	94	50	73.0	6.15		Camp Dennison	95	50	71.6	2.79	
Lyons	90	49	69.0	3.25		Salisbury	97	46	75.6	5.90		Canal Dover	88	44	68.3	3.45	
Middletown	92	46	67.4	3.63		Saxon	95	46	70.2	4.89		Canton	86	47	67.4	2.59	
Mohawk Lake	87	43	64.0	5.03		Selma	100	50	77.4	4.35		Cardington	89	46	66.8	3.09	
Moira	87	40	64.0	3.69		Settle	97	48	72.4	6.17		Circleville	91	51	70.2	2.35	
Mount Ettrick	89	44	64.1	2.60		Sloan	93	51	75.0	2.82		Clarendon	90	51	70.3	3.92	
Newark Valley				4.85		Soapstone Mount	95	45	72.0	6.41		Clarksville	91	52	70.4	2.49	
New Lisbon	86	36	62.4	4.60		Southern Pines a	102	48	77.2	3.83		Cleveland a	88	49	66.8	1.43	
North Hammond	86	44	64.0	3.39		Southern Pines b	101	48	77.2	3.83		Cleveland b	89	47	68.2	1.87	
North Lake				4.82		Southport	92	55	76.6	3.03		Bellefontaine	89	48	66.8	4.11	
Number Four	81	38	61.8	4.01		Statesville	96	45	72.4	5.74		Benton Ridge	90	47	68.2		
Ogdensburg	89	45	67.9	3.29		Tarboro	100	47	77.6								

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature, (Fahrenheit.)			Precipita-		Stations.	Temperature, (Fahrenheit.)			Precipita-		Stations.	Temperature, (Fahrenheit.)			Precipita-	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Ohio—Cont'd.</i>																	
Napoleon.....	89	47	65.7	1.17	Ins.	Drain.....	94	35	60.6	0.21	.....	Pennsylvania—Cont'd.	•	○	○	Ins.	Ins.
Nellie.....	86	43	67.8	4.65	.....	Ella.....	.....	.....	.....	0.20	.....	Lycippus.....	87	46	69.2	3.89	.....
New Alexandria.....	83	45	68.3	5.12	.....	Eugene.....	.....	.....	.....	0.29	.....	Marion.....	91	43	68.4	5.62	.....
New Berlin.....	87	44	67.6	2.49	.....	Fairview.....	84	34	57.4	1.03	.....	Mifflin.....	.....	.....	.....	2.32	.....
New Bremen.....	96	47	67.0	3.95	.....	Falls City.....	93	37	59.2	0.54	.....	Mifflintown.....	92	41	68.3	2.69	.....
New Richmond.....	89	53	71.4	1.38	.....	Forestgrove.....	98	37	63.8	0.02	.....	Millford.....	96	39	66.2	1.97	.....
New Waterford.....	94	41	67.8	5.23	.....	Gardiner.....	83	40	58.8	2.09	.....	Montrose.....	87	41	64.4	2.73	.....
North Lewisburg.....	83	50	68.4	3.95	.....	Glenora.....	95	30	58.4	1.72	.....	New Germantown.....	90	41	67.1	4.09	.....
North Royalton.....	87	46	65.9	1.72	.....	Gold Beach.....	.....	.....	.....	0.14	.....	Oil City.....	.....	.....	.....	2.30	.....
Norwalk.....	92	46	67.4	2.35	.....	Government Camp.....	89	29	50.2	3.07	.....	Ottsville.....	.....	.....	.....	4.84	.....
Oberlin.....	88	41	66.6	2.07	.....	Grants Pass.....	103	36	63.4	0.39	.....	Parker.....	.....	.....	.....	4.02	.....
Ohio State University.....	98	51	68.1	2.57	.....	Heppner.....	93	33	60.2	0.51	.....	Philadelphia.....	96	47	71.3	2.99	.....
Orangeville.....	89	40	67.2	2.88	.....	Hood River (near).....	102	37	63.8	0.52	.....	Pocono Lake.....	85	34	62.2	6.31	.....
Ottawa.....	91	46	68.3	2.43	.....	Huntington.....	98	31	66.8	0.17	.....	Point Pleasant.....	.....	.....	.....	3.50	.....
Pataskala.....	88	50	68.6	2.78	.....	Jacksonville.....	96	39	65.2	0.16	.....	Pottsville.....	.....	.....	.....	4.67	.....
Philo.....	90	50	70.8	2.50	.....	Joseph.....	87	28	56.0	2.23	0.5	Quakertown.....	.....	.....	.....	.....	.....
Plattsburgh.....	87	50	68.1	2.08	.....	Kerby.....	102	36	62.9	0.36	.....	Reading.....	94	44	70.2	5.02	.....
Pomeroy.....	93	52	71.0	4.20	.....	Klamath Falls.....	93	26	59.0	0.75	.....	Saegerstown.....	87	34	65.8	3.90	.....
Portsmouth a.....	.....	.....	.....	1.49	.....	Lagrange.....	93	29	60.0	1.57	.....	St. Marys.....	86	40	64.8	3.91	.....
Portsmouth b.....	92	52	72.2	1.37	.....	Lakeview.....	96	30	60.4	0.59	.....	Saltsburg.....	.....	.....	.....	4.12	.....
Pulse.....	87	51	69.7	2.14	.....	Lonerock.....	93	30	57.8	0.46	.....	Seisholtzville.....	.....	.....	.....	5.18	.....
Rittman.....	92	45	67.4	0.67	.....	McKenzie Bridge.....	93	29	59.3	1.31	.....	Selinsgrove.....	96	44	71.2	3.02	.....
Rockyridge.....	91	47	68.1	1.15	.....	McMinnville.....	94	35	61.4	0.49	.....	Shawmont.....	.....	.....	.....	2.90	.....
Shenandoah.....	87	47	65.8	2.87	.....	Meacham.....	.....	.....	.....	1.20	.....	Skidmore.....	88	40	66.6	3.58	.....
Sidney.....	91	50	69.6	3.63	.....	Monroe.....	92	38	61.4	0.28	.....	Smiths Corner.....	86	32	64.0	3.45	.....
Somerset.....	90	51	70.4	4.16	.....	Mount Angel.....	95	45	63.6	0.33	.....	Somerset.....	89	40	64.6	6.26	.....
Springfield.....	.....	.....	.....	3.06	.....	Nehalem.....	.....	.....	.....	2.08	.....	South Eaton.....	89	43	66.8	3.74	.....
Thurman.....	92	51	71.6	4.86	.....	Newport.....	66	39	52.8	0.98	.....	Springmount.....	.....	.....	.....	3.70	.....
Tiffin.....	89	48	67.8	1.85	.....	Ontario.....	94	37	62.4	.....	.....	State College.....	86	42	66.0	4.19	.....
Upper Sandusky.....	89	49	67.6	4.87	.....	Paisley.....	102	30	64.1	0.88	.....	Swarthmore.....	94	45	67.6	6.67	.....
Urbana.....	88	50	68.2	4.33	.....	Pendleton.....	102	30	64.1	0.88	.....	Towanda.....	90	42	67.2	5.03	.....
Vickery.....	91	46	67.4	2.36	.....	Pine.....	92	25	55.8	0.70	.....	Trotrun.....	.....	.....	.....	7.76	.....
Warren.....	91	43	68.6	0.88	.....	Prineville.....	95	27	57.7	0.15	.....	Uniontown.....	91	50	70.4	2.52	.....
Wauseon.....	90	45	66.4	1.72	.....	Riverside.....	104	22	64.5	.....	.....	Warren.....	88	42	66.6	1.95	.....
Waverly.....	91	50	71.4	3.33	.....	Salem.....	90	43	62.3	0.32	.....	Wellsboro.....	91	42	67.3	4.37	.....
Waynesville.....	90	51	68.8	3.02	.....	Silverlake.....	94	21	56.6	0.54	.....	Westchester.....	93	46	69.2	4.56	.....
Wellington.....	90	46	67.8	3.16	.....	Sparta.....	93	28	57.8	1.00	.....	West Newton.....	.....	.....	.....	.....	.....
Willoghby.....	.....	.....	.....	2.23	.....	Stafford.....	97	37	62.2	0.25	.....	Wilkesbarre.....	93	45	69.6	2.95	.....
Wilson.....	93	50	71.2	.....	The Dalles.....	99	40	65.8	0.46	.....	Williamsport.....	89	45	68.6	3.07	.....
Wooster.....	88	44	67.0	1.67	.....	Toledo.....	83	37	55.5	1.63	.....	Rhode Island.	.....	.....	.....	.....	.....
Zanesville.....	.....	.....	.....	3.31	.....	Umatilla.....	105	41	69.5	0.23	.....	Bristol.....	85	45	63.0	3.82	.....
<i>Oklahoma.</i>	.....	.....	.....	.....	.....	Vale.....	95	23	60.5	0.35	.....	Kingston.....	92	40	62.0	4.44	.....
Arapaho.....	97	55	73.8	5.55	.....	Warm Spring.....	101	33	62.8	0.06	.....	Pawtucket.....	93	42	65.6	2.39	.....
Beaver.....	95	41	72.5	6.47	.....	Weston.....	92	29	61.0	1.19	.....	Providence a.....	96	47	68.6	2.46	.....
Busch.....	94	53	73.0	.....	Williams.....	98	30	62.3	0.21	.....	Providence c.....	94	42	64.4	2.80	.....
Chandler.....	94	58	76.0	11.78	.....	<i>Pennsylvania.</i>	.....	.....	.....	.....	South Carolina.	.....	.....	.....	.....	.....
Cleo.....	99 ^b	47 ^f	76.6 ^a	2.00	.....	Aleppo.....	88	45	68.3	4.62	.....	Aiken.....	101	54	79.8	0.55	.....
Cloud Chief.....	94	55	73.5	5.62	.....	Altoona.....	91	40	66.8	3.09	.....	Alfendale.....	98	59	79.0	1.42	.....
Eldorado.....	100	52	78.8	8.06	.....	Beaver Dam.....	95	23	60.5	0.35	.....	Auderson.....	98	55	76.6	3.93	.....
Enid.....	95	55	74.0	2.57	.....	Bellefonte.....	89	43	67.6	3.85	.....	Barksdale.....	98	54	77.5	2.18	.....
Fort Reno.....	92	55	74.2	16.50	.....	Brookville.....	.....	.....	.....	.....	Batesburg.....	95	52	76.2	2.27	.....
Fort Sill.....	100	50	76.9	13.70	.....	Browns.....	.....	.....	.....	.....	Beaufort.....	96	59	78.0	3.62	.....
Frederick.....	98	58	78.4	9.29	.....	California.....	90	48	68.8	3.09	.....	Bennettsville.....	98	70	84.6	8.13	.....
Gage.....	93	52	73.1	4.02	.....	Cassandra.....	87	40	64.3	4.74	.....	Blackville.....	102	55	79.2	4.87	.....
Guthrie.....	92	56	74.1	8.80	.....	Clarion.....	.....	.....	.....	.....	Bowman.....	98	55	77.8	2.90	.....
Harrington.....	92	52	71.8	3.17	.....	Claysville.....	89	45	68.5	4.70	.....	Calhoun Falls.....	.....	.....	.....	1.29	.....
Hennessey.....	95	55	74.8	2.29	.....	Coatesville.....	96	43	69.3	4.66	.....	Caunden.....	.....	.....	.....	3.65	.....
Hobart.....	97	58	76.6	6.10	.....	Coudersport.....	86	37	64.2	2.80	.....	Cheraw a.....	98	53	75.9	5.58	.....
Jefferson.....	95	50	73.4	3.51	.....	Confluence.....	.....	.....	.....	.....	Cheraw b.....	.....	.....	.....	6.78	.....
Jenkins.....	96	53	73.8	8.92	.....	Davis Island Dam.....	.....	.....	.....	.....	Clarks Hill.....	98	55	77.6	4.20	.....
Keuton.....	95	44	70.9	1.14	.....	Derry.....	92	44	71.0	3.34	.....	Clemson College.....	96	50	75.2	3.82	.....
Kingfisher.....	97	57	75.4	5.83	.....	Ephrata.....	93	43	68.6	5.93	.....	Conway.....	96	53	75.9	4.00	.....
McComb.....	92	57	75.2	8.89	.....	Everett.....	89	43	66.0	4.43	.....	Darlington.....	97	50	77.2	6.27	.....
Mangum.....	97	60	78.4	9.00	.....	Forks of Neshaminy.....	.....	.....	.....	.....	Dillon.....	98	52	77.4	2.92	.....
Meeker.....	100	59	78.4	4.90	.....	Franklin.....	89	43	66.8	2.14	.....	Due West.....	93	57	77.0	1.56	.....
Newkirk.....	94	56	74.0	8.23	.....	Freeport.....	95 ^d	49 ^d	71.8 ^d	5.43	.....	Edisto.....	.....	.....	.....	5.58	.....
Perry.....	93	55	73.6	4.45	.....	Gettysburg.....	91	45	69.2	6.00	.....	Effingham.....	.....	.....	.....	11.17	.....
Sac and Fox Agency.....	96	55	76.6	10.60	.....	Girardville.....	.....	.....	.....	.....	Florence.....	98	51	76.9	7.06	.....
Shawnee.....	91	57	74.4	9.17	.....	Gordon.....	91	41	69.6	3.25	.....	Gaffney.....	100	54	76.9	6.32	.....
Stillwater.....	92	57	74.5	6.54	.....	Greenville.....	98	40	66.8	5.11	.....	Gillisonville.....	95	56	76.7	4.35	.....
Taloga.....	101	55	75.4	1.66	.....	Ephrata.....	93	43	68.6	5.61	.....	Greenville.....	92	51	72.0	3.59	.....
Temple.....	100	61	78.2	9.76	.....	Franklin.....	89	43	66.8	4.41	.....	Greenwood.....	96	55	77.4	1.86	.....
Waukomis.....	97	55	74.9	2.55	.....	Freeport.....	95 ^d	49 ^d	71.8 ^d	5.43	.....	Heath Springs.....	98	48	75.6	6.28	.....</td

TABLE II.—*Climatological record of voluntary and other cooperating observers—Continued.*

TABLE II.—*Climatological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Utah—Cont'd.</i>						<i>Washington—Cont'd.</i>						<i>Wisconsin—Cont'd.</i>					
Snowville.....	91	28	59.9	0.26	Ins.	Odessa.....	98	32	63.0	0.40	Ins.	Easton.....	89	38	65.1	5.16	Ins.
Soldier Summit.....	83	21	51.4	0.73		Olga.....	75	42	55.6	1.37		Eau Claire.....	84	44	65.0	7.17	
Terrace.....	95	34	65.1	0.20		Olympia.....	94	33	59.6	1.68		Florence.....	85	34	61.4	2.37	
Thistle.....	97	29	61.2	0.82		Pinehill.....	101	36	63.4	0.71		Fond du Lac.....	90	40	64.4	1.82	
Tooele.....	90	38	64.2	0.40		Port Townsend.....	81	43	56.4	1.56		Grand Rapids.....	86	44	64.2	3.19	
Tropic.....	85	37	61.6	0.81		Pullman.....	93	31	60.0	2.73		Grand River Locks.....	87	37	61.8	3.55	
Wellington.....	96	36	64.0	0.45		Rattlesnake.....	90	33	59.6	0.33		Grantsburg.....	87	37	61.8	5.33	
Woodruff.....	90	25	54.5	0.47		Republic.....	92	27	56.8	1.77		Hancock.....	86	43	64.8	3.27	
<i>Vermont.</i>						Ritzville.....	.....	.....	.....	0.38		Hayward.....	84	34	62.4	4.72	
Burlington.....	82	51	65.6	2.37		Kitzville (near).....	.....	.....	.....	0.64		Hillsboro.....	87	39	63.6	2.87	
Cavendish.....	90	34	62.7	2.41		Rosalia.....	89	31	57.9	1.74		Koepenick.....	88	34	62.2	3.30	
Chester.....	87	37	61.8	0.86		Sedro-Woolley ^b	89	37	58.4	3.19		Lake Mills.....	87	43	65.7	2.55	
Cornwall.....	89	40	66.2	3.21		Silvana.....	80	37	56.5	1.31		Lancaster.....	88	44	65.5	1.47	
Derby.....	84	42	60.7	3.03		Snohomish.....	79	42	58.6	2.27		Madison.....	85	47	65.7	2.85	
Enosburg Falls.....	87	36	63.3	4.46		Snoqualmie.....	95	36	58.8	3.35		Manitowoc.....	86	42	61.2	2.63	
Jacksonville.....	91	31	62.8	3.23		Southbend.....	00	39	56.8	2.90		Meadow Valley.....	88	41	64.6	5.23	
Manchester.....	85	39	64.0	4.15		South Ellensburg.....	96	34	61.5	0.75		Medford.....	90	40	65.4	5.90	
Morrisville.....	91	36	64.6	2.37		Sprague.....	.....	.....	.....	1.30		Menasha.....	82	42	64.7	1.96	
Norwich.....	89	34	62.4	1.34		Sunpyside.....	94	34	64.2	0.23		Minoqua.....	82	42	64.7	6.00	
St. Johnsbury.....	90	37	64.6	2.40		Trinidad.....	102	44	70.8	0.00		Mount Horeb.....	88	38	65.2	2.71	
Wells.....	90	39	64.7	2.88		Twisp.....	94	33	61.0	0.93		Neillsville.....	88	40	65.2	6.57	
Woodstock.....	88	36	61.0	1.24		Union.....	86	35	57.8	1.63		New London.....	87	44	64.8	2.69	
<i>Virginia.</i>						Vancouver.....	99	40	63.2	0.39		Oconto.....	86	41	63.4	2.45	
Ashland.....	95	50	73.4	6.35		Vashon.....	90	40	58.4	1.01		Oscceola.....	86	37	62.8	5.64	
Baileysburg.....	91	51	71.2	5.49		Waterville.....	95	37	61.2	0.45		Pine River.....	85	40	64.0	2.73	
Bedford.....	48	.....	.....	.....		Weatuckee (near).....	94	36	63.6	0.29		Portage.....	85	45	66.2	2.43	
Bigstone Gap.....	89	51	70.9	4.71		Wilbur.....	93	28	59.2	0.38		Port Washington.....	84	39	58.9	2.15	
Blacksburg.....	88	43	68.0	7.42		Ziuel.....	102	44	69.1	1.62		Prairie du Chien a.....	91	47	68.4	2.38	
Buckingham.....	98	50	74.3	2.82		<i>West Virginia.</i>						Prairie du Chie b.....	.....	.....	.....	2.08	
Burkes Garden.....	84	38	63.0	4.74		Bancroft.....	93	50	71.6	2.05		Prentice.....	86	30	61.6	7.15	
Callaway.....	93	48	74.2	7.60		Bayard.....	90	36	64.4	4.84		Racine.....	86	41	63.3	2.36	
Charlottesville.....	93	51	71.9	4.57		Bens Run.....	92	49	70.6	4.37		Sheboygan.....	90	42	62.2	1.92	
Clarksville.....	.....	.....	1.99	.....		Berkeley Springs.....	93	46	69.3	4.19		Stanley.....	82	38	62.4	6.10	
Columbia.....	92	49	72.2	2.79		Beverly.....	88	41	67.8	6.19		Stevens Point.....	89	42	64.2	3.68	
Dale Enterprise.....	91	44	67.7	7.30		Bluefield.....	87	47	68.7	3.80		Valley Junction.....	87	40	64.5	4.00	
Danville.....	93	54	75.6	3.69		Burlington.....	93	42	67.6	2.21		Viroqua.....	85	41	64.6	4.19	
Elk Knob.....	86	53	70.7	5.98		Cairo.....	92	46	69.4	6.12		Washburn.....	87	33	62.1	1.94	
Farniville.....	96	50	74.2	4.24		Central.....	91	46	69.2	6.07		Watertown.....	87	43	65.0	2.01	
Fredericksburg.....	93	48	72.1	4.74		Charleston.....	90	54	72.8	2.69		Waupesha.....	86	42	64.2	2.07	
Hampton.....	93	53	74.4	3.72		Creston.....	.....	.....	.....	4.86		Wausau.....	87	43	64.2	2.93	
Hot Springs.....	87	43	65.7	5.36		Cuba.....	89	41	69.0	3.44		Whitehall.....	84	36	63.4	4.07	
Lexington.....	94	45	70.0	5.90		Doane.....	91	51	72.8	7.73		<i>Wyoming.</i>					
Lincoln.....	96	45	70.6	11.40		Elkhorn.....	91	49	69.2	5.64		Afton.....	84	24	54.2	1.36	
Marion.....	89	45	68.7	4.45		Fairmont.....	.....	.....	.....	6.11		Alcova.....	88	37	60.6	1.43	
McDowell.....	93	35	68.6	4.49		Grafton.....	89	46	69.0	4.94		Basin.....	98	35	65.8	0.52	
Mendots.....	.....	.....	6.27	.....		Green Sulphur Springs.....	95	41	68.2	5.16		Battle ^a	71	21	47.2	.....
Newport News.....	95	52	75.4	5.47		Harpers Ferry.....	.....	.....	.....	5.95		Bedford.....	79	20	50.7	1.09	
Petersburg.....	96	50	73.8	5.17		Hinton.....	.....	.....	.....	3.55		Border.....	83	25	55.8	1.32	
Radford.....	.....	.....	5.52	.....		Huntington.....	93	51	73.0	3.74		Buffalo.....	84	29	56.4	1.38	
Riverton.....	.....	.....	7.57	.....		Leonard.....	83	49	65.4	4.03		Cambridge.....	84	37	59.6	4.93	
Roanoke.....	95	49	72.4	8.86		Lewisburg.....	91	45	68.2	4.95		Centennial.....	.....	.....	.....	1.37	
Rockymount.....	92	46	66.7	7.82		Lillydale.....	92	44	69.0	3.59		Chugwater.....	81	31	57.5	1.67	
Saxe.....	95	47	72.9	6.08		Logan.....	91	53	71.4	7.53		Daniel.....	79	24	50.4	0.53	
Shenandoah.....	.....	.....	4.89	.....	Lost Creek.....	88	44	67.2	4.54		Embar.....	90	30	59.9	0.60		
Speers Ferry.....	.....	.....	4.96	.....	Mannington.....	91	46	69.0	4.60		Evanston.....	80	24	52.4	0.80		
Spottsville.....	95	43	72.8	7.02		Marlington.....	90	39	64.8	2.98		Fort Laramie.....	88	24	50.0	2.57	
Staunton.....	91	47	70.1	4.82		Martinsburg.....	96	46	70.3	4.60		Fort Washakie.....	87	31	59.8	4.50	
Stephens City.....	96	48	70.2	4.08		Moorefield.....	96	46	70.8	8.29		Griggs.....	87	32	57.8	3.04	
Warsaw.....	95	50	74.0	3.34		Morgantown.....	89	50	69.5	5.55		Hyattville.....	98	32	63.3	.....
Wilkerson.....	96	50	72.6	3.18		Moundsville.....	93	50	69.8	3.82		Iron Mountain.....	83	30	56.0	1.80	
Woodstock.....	95	47	71.0	4.43		New Cumberland.....	88	45	68.0	4.67		Laramie.....	79	29	54.0	2.01	
Wytheville.....	92	45	69.1	4.31		New Martinsville.....	94	49	72.6	4.47		Leo.....	79	24	53.0	0.85	
<i>Washington.</i>						Nuttallburg.....	93	50	69.4	3.40		Lolabahama Ranch.....	81	23	51.0	0.86	
Aberdeen.....	92	35	55.8	2.18		Parsons.....	90	49	66.6	3.84		Lusk.....	87	30	58.4	5.83	
Ashford.....	.....	.....	2.05	.....		Philippi.....	91	43	63.6	5.71		Marquette.....	90	32	59.8	0.36	T.
Bellingham.....	78	42	57.6	1.56		Point Pleasant.....	93	52	72.4	2.12		Moore.....	82	32	57.0	2.10	
Blaine.....	79	38	56.6	2.15		Powellton.....	94	41	71.0	4.02		Mooretroft.....	87	34	59.6	3.80	
Brinnon.....	81	40	57.8	2.20		Princeton.....	87	46	68.0	4.30		Phillips.....	85*	33	60.2*	1.79	
Cedonia.....	95	32	61.9	0.88		Romey.....	94	43	70.4	4.13		Pine Bluff.....	87	35	61.2	0.99	
Centralia.....	93	33	58.7	1.64		Rowlesburg.....	.....	.....	.....	4.00		Rawlins.....	91	28	61.0	2.33	
Cheney.....	105	31	61.0	1.01		Ryan.....	97	46	70.6	3.75		Rock Springs.....	87	28	58.6	1.33	
Clearbrook.....	88	33	56.8	2.70		Southside.....	91	56	72.6	3.09		South Pass.....	81	21	51.3	1.60	9.0
Clearwater.....	88	35	55.4	4.14		Terra Alta.....	89	42	65.2	4.20		Tensleep.....	89	31	61.2	0.72	
Cle Elum.....	92	28	55.9	0.77		Upper tract.....	92	43	68.8	3.98		Thermopolis.....	94	30	59.0	0.34	
Colfax.....	91	32	57.7	2.01		Valley Fork.....	90	48	70.3	4.17		Wells.....	77</				

TABLE II.—*Climatological record of voluntary and other cooperating observers. Late reports for May—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Porto Rico—Cont'd.</i>	°	°	°	Ins.	Ins.	<i>Alaska—Cont'd.</i>	°	°	°	Ins.	Ins.	
La Isolina.....	93	68	77.6	3.80		Kenai.....	61	24	44.2	T.		
Lares.....	92	59	75.6	6.20		Ketchemstock.....	60	19	40.4	1.80		
Las Marias.....	92	65	77.3	12.80		Killisnoo.....	59	28	45.4	1.75		
Manati.....	97	65	79.4	3.23		Skagway.....	68	27	47.6	0.84		
Maunabo.....	93	68	81.4	5.16		Sunrise.....	62	27	44.0	1.01		
Mayaguez.....	94	61	78.7	3.32		Tanana Crossing.....	68	23	45.3	0.76		
Morovis.....	91	63	77.6	3.57		Wood Island.....	63	31	45.0	3.35		
Ponce.....	89	67	78.8	T.								
Rio Blanco.....	88	69	79.1	7.01								
San German.....	93	62	77.2	0.67								
San Lorenzo.....	93	61	78.6	6.63								
San Salvador.....	89	63	75.7	1.61								
Santa Isabel.....	90	68	79.0	0.94								
Vieques.....	90	61	76.6	1.10								
Yauco.....	89	69	80.1	0.05								
<i>New Brunswick.</i>												
St. John.....	78	41	55.4	1.96								
<i>Late reports for May, 1904.</i>												
<i>Alaska.</i>												
Coal Harbor.....	53	29	40.0	1.83	0.2							
Copper Center.....	75	21	44.6	0.92								
Fort Gibbon.....	68	25	46.4	0.22								
Fort Liscom.....	58	30	43.8	0.68								
Fort Yukon.....	69 ^h	24	45.6 ^d	4.60								

EXPLANATION OF SIGNS.

* Extremes of temperature from observed readings of dry thermometer.

A numerical following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:

¹ Mean of 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. + 4.

² Mean of 8 a. m. + 8 p. m. + 2.

³ Mean of 7 a. m. + 7 p. m. + 2.

⁴ Mean of 6 a. m. + 6 p. m. + 2.

⁵ Mean of 7 a. m. + 2 p. m. + 2.

⁶ Mean of readings at various hours reduced to true daily mean by special tables.

The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.

An italic letter following the name of a station, as "Livingston *a*," "Livingston *b*," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance, "*a*" denotes 14 days missing.

No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks of whatever duration, in the precipitation record receive appropriate notice.

TABLE III.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of June, 1904.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.						
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.					
<i>New England.</i>																		
Eastport, Me.	Hours.	Hours.	Hours.	Hours.	°	Hours.	North Dakota—Continued.	Hours.	Hours.	Hours.	Hours.	°	Hours.					
Portland, Me.	16	27	13	18	s. 24 w.	12	Williston, N. Dak.	25	16	20	16	n. 24 e.	10					
Concord, N. H.†	16	27	14	14	s. 5 e.	11	Upper Mississippi Valley.											
Northfield, Vt.	8	8	14	5	s. 4 w.	9	Minnepolis, Minn.*	6	11	8	11	s. 31 w.	6					
Boston, Mass.	19	23	8	9	s. 76 e.	8	St. Paul, Minn.	12	27	20	18	s. 8 e.	15					
Nantucket, Mass.	17	19	22	14	s. 45 e.	8	La Crosse, Wis.†	5	12	8	8	s. 1 w.	7					
Block Island, R. I.	12	24	22	17	s. 23 e.	13	Davenport, Iowa.	11	16	25	20	s. 45 e.	7					
Narragansett, R. I.*	3	9	18	8	s. 59 e.	12	Des Moines, Iowa.	10	25	17	20	s. 11 w.	15					
New Haven, Conn.	16	22	22	13	s. 42 e.	14	Dubuque, Iowa.	21	21	18	19	w.	1					
<i>Middle Atlantic States.</i>																		
Albany, N. Y.	17	30	11	10	s. 4 e.	13	Keokuk, Iowa.	20	16	26	13	n. 73 e.	14					
Binghamton, N. Y.†	8	6	12	9	n. 56 e.	4	Cairo, Ill.	20	21	15	15	s.	1					
New York, N. Y.	12	20	17	18	s. 7 w.	8	Springfield, Ill.	19	19	20	17	e.	3					
Harrisburg, Pa.	14	20	19	21	s. 18 w.	6	Hannibal, Mo.†	7	10	13	7	s. 63 e.	7					
Philadelphia, Pa.	15	27	14	20	s. 27 w.	13	St. Louis, Mo.	11	19	23	21	s. 14 e.	8					
Scranton, Pa.	18	23	14	19	s. 45 w.	7	<i>Missouri Valley.</i>											
Atlantic City, N. J.	12	23	18	20	s. 10 w.	11	Columbia, Mo. *	7	12	10	6	s. 39 e.	6					
Capo May, N. J.	14	28	19	11	s. 30 e.	16	Kansas City, Mo.	12	28	23	11	s. 37 e.	20					
Baltimore, Md.	15	22	14	22	s. 49 w.	11	Springfield, Mo.	14	24	21	13	s. 39 e.	13					
Washington, D. C.	23	23	18	10	e.	8	Topeka, Kans.*	3	13	11	7	s. 22 e.	11					
Capo Henry, Va.†	15	15	12	3	s. 42 e.	14	Lincoln, Nebr.	9	29	16	18	s. 6 w.	20					
Lynchburg, Va.	17	19	22	2	s. 27 e.	20	Omaha, Nebr.	14	22	20	14	s. 37 e.	10					
Norfolk, Va.	10	28	23	14	s. 27 e.	20	Valentine, Nebr.	21	18	18	19	n. 18 w.	3					
Richmond, Va.	20	20	19	16	e.	3	Sioux City, Iowa †	8	13	8	7	s. 11 e.	5					
Wytheville, Va.	10	13	16	31	s. 49 w.	15	Pierre, S. Dak.	20	19	17	17	n.	1					
<i>South Atlantic States.</i>																		
Asheville, N. C.	16	25	20	13	s. 38 e.	11	Huron, S. Dak.	17	20	20	14	s. 63 e.	7					
Charlotte, N. C.	12	24	18	20	s. 9 w.	12	Yankton, S. Dak. †	8	12	11	9	s. 27 e.	4					
Hatteras, N. C.	10	26	17	26	s. 29 w.	18	<i>Northern Slope.</i>											
Kittyhawk, N. C. *							Havre, Mont.	17	12	8	36	n. 62 w.	32					
Raleigh, N. C.	12	25	18	17	s. 4 e.	13	Miles City, Mont.	20	20	18	19	w.	1					
Wilmington, N. C.	12	25	13	27	s. 47 w.	19	Helena, Mont.	10	18	8	36	s. 74 w.	29					
Charleston, S. C.	12	28	15	19	s. 14 w.	16	Kalispell, Mont.	2	10	17	36	s. 67 w.	21					
Columbia, S. C.	8	26	27	15	s. 32 e.	22	Rapid City, S. Dak.	20	11	13	27	n. 57 w.	17					
Augusta, Ga.	15	23	21	13	s. 45 e.	11	Cheyenne, Wyo.	23	21	11	17	n. 72 w.	6					
Savannah, Ga.	11	26	13	21	s. 28 w.	17	Yellowstone Park, Wyo.	19	18	17	21	n. 76 w.	4					
Jacksonville, Fla.	15	25	19	12	s. 35 e.	12	North Platte, Nebr.	17	23	15	19	s. 34 w.	7					
<i>Florida Peninsula.</i>																		
Jupiter, Fla.	9	32	21	14	s. 17 e.	24	Denver, Colo.	16	31	9	14	s. 18 w.	16					
Key West, Fla.	7	21	42	2	s. 71 e.	42	Pueblo, Colo.	24	12	18	17	n. 5 e.	19					
Sand Key, Fla.†	4	9	23	2	s. 76 e.	21	Concordia, Kans.	12	29	21	13	s. 25 e.	19					
Tampa, Fla.	14	15	38	6	s. 88 e.	32	Dodge, Kans.	14	20	27	10	s. 71 e.	18					
<i>Eastern Gulf States.</i>																		
Atlanta, Ga.	14	18	18	19	s. 14 w.	4	Wichita, Kans.	14	23	31	6	s. 70 e.	27					
Macon, Ga.†	8	13	7	9	s. 22 w.	5	Oklahoma, Okla.	12	30	24	7	s. 43 e.	25					
Pensacola, Fla.†	11	7	8	12	n. 45 w.	6	<i>Southern Slope.</i>											
Birmingham, Ala.†	5	10	13	8	s. 45 e.	7	Abilene, Tex.	14	33	21	9	s. 32 e.	22					
Mobile, Ala.	19	26	9	17	s. 49 w.	11	Amarillo, Tex.	13	23	24	9	s. 56 e.	18					
Montgomery, Ala.	13	25	15	21	s. 27 w.	13	<i>Southern Plateau.</i>											
Meridian, Miss.†	7	13	6	12	s. 45 w.	8	El Paso, Tex.	19	7	29	17	n. 45 e.	17					
Vicksburg, Miss.	18	21	23	8	s. 79 e.	15	Santa Fe, N. Mex.	18	20	21	15	s. 72 e.	6					
New Orleans, La.	4	37	14	16	s. 3 w.	33	Flagstaff, Ariz.	28	12	8	25	n. 47 w.	23					
<i>Western Gulf States.</i>																		
Shreveport, La.	18	25	26	8	s. 69 e.	19	Phoenix, Ariz.	12	8	20	19	s. 66 w.	10					
Fort Smith, Ark.	4	16	34	10	s. 63 e.	27	Yuma, Ariz.	3	32	10	29	s. 33 w.	35					
Little Rock, Ark.	16	25	15	17	s. 13 w.	9	Independence, Cal.	26	14	9	25	n. 53 w.	20					
Corpus Christi, Tex.	4	33	38	1	s. 52 e.	47	<i>Middle Plateau.</i>											
Fort Worth, Tex.	14	30	23	7	s. 45 e.	23	Carson City, Nev.	14	15	7	34	s. 88 w.	27					
Galveston, Tex.	6	43	11	9	s. 3 e.	37	Winnebemeca, Nev.	28	11	20	22	n. 7 w.	17					
Palestine, Tex.	11	32	16	9	s. 18 e.	22	Modena, Utah.	11	15	13	33	s. 79 w.	20					
San Antonio, Tex.	9	31	39	1	s. 60 e.	44	Salt Lake City, Utah.	25	15	23	11	n. 50 e.	16					
Taylor, Tex.†	6	20	7	2	s. 20 e.	15	Grand Junction, Colo.	19	16	29	11	n. 81 e.	18					
<i>Ohio Valley and Tennessee.</i>																		
Chattanooga, Tenn.	20	20	11	22	w.	11	North Pacific Coast Region.											
Knoxville, Tenn.	19	21	15	23	s. 76 w.	8	Baker City, Oreg.	28	17	12	21	n. 39 w.	14					
Memphis, Tenn.	17	22	19	17	s. 22 e.	16	Boise, Idaho.	21	16	9	26	n. 74 w.	18					
Nashville, Tenn.	12	27	15	19	s. 15 w.	16	Lewiston, Idaho.†	1	4	22	5	s. 80 e.	17					
Lexington, Ky.†	8	13	9	9	s.	5	Pocatello, Idaho.	5	16	22	26	s. 20 w.	12					
Louisville, Ky.	21	22	13	15	s. 63 w.	2	Spokane, Wash.	9	27	13	24	s. 31 w.	21					
Evansville, Ind.†	12	11	8	6	n. 63 e.	2	Walla Walla, Wash.	11	30	13	17	s. 12 w.	19					
Indianapolis, Ind.	19	23	15	16	s. 14 w.	4	<i>North Pacific Coast Region.</i>											
Cincinnati, Ohio.	18	18	16	21	w.	5	North Head, Wash.	36	9	2	30	n. 46 w.	39					
Columbus, Ohio.	18	21	19	17	s. 34 e.	4	Port Crescent, Wash. *	9	2	1	23	n. 72 w.	23					
Pittsburg, Pa.	21	23	9	24	s. 82 w.	15	Seattle, Wash.	27	15	13	18	n. 23 w.	13					
Parkersburg, W. Va.	15	28	12	13	s. 4 w.	13	Tacoma, Wash.	26	16	3	28	n. 68 w.	27					
Elkins, W. Va.	15	28	11	24	n. 81 w.	13	Tatoosh Island, Wash.	9	27	4	33	s. 58 w.	34					
<i>Lower Lake Region.</i>																		
Buffalo, N. Y.	6	32	17	19	s. 4 w.	26	Portland, Oreg.	30	7	2	34	n. 54 w.	39					
Oswego, N. Y.†	10	29	12	20	s. 23 w.	21	Roseburg, Oreg.	34	3	21	11	n. 18 e.	33					
Rochester, N. Y.	10	24	14	27	s. 43 w.	19	<i>Middle Pacific Coast Region.</i>											
Syracuse, N. Y.	11	26	13	21	s. 28 w.	17	Eureka, Cal.	28	18	6	19	n. 52 w.	16					
Erie, Pa.	13	18	18	25	s. 54 w.	9	Mount Tamalpais, Cal.	31	4	1	37	s. 37 w.	45					
Cleveland, Ohio.	15	28	18	14	s. 17 e.	14	Red Bluff, Cal.	34	13	13	8	n. 13 e.	22					
Sandusky, Ohio.†	6	10	8	13	s. 51 w.	6	Sacramento, Cal.	13	34	12	12	s.	21					
Toledo, Ohio.	12	21	19	23	s. 24 w.	10	San Francisco, Cal. *	4	14	1	49	s. 78 w.	49					
Detroit, Mich.	16	17	16	22	s. 80 w.	6	Point Reyes Light, Cal. *	16	6	1	15	n. 54 w.	17					
<i>Upper Lake Region.</i>																		
Alpena, Mich.	15	24	23	13	s. 48 e.	14	Southeast Farallon, Cal. *	16	3	0	19	n. 56 w.	23					
Escanaba, Mich.	19	25	17	12	s. 40 e.	8	<i>South Pacific Coast Region.</i>											
Grand Rapids, Mich.	16	19	18	19	s. 18 w.	3	Fresno, Cal.	37	2	1	38	n. 47 w.	51					
Houghton, Mich.†	3	3	13	13	s.	9	Los Angeles, Cal.	10	20	12	35	s. 67 w.	25					
Marquette, Mich.	18	19	15	24	s. 84 w.	9	San Diego, Cal.	22	14	5	30	n. 72 w.	26					
Port Huron, Mich.	24	17	18	19	n. 8 w.	7	San Luis Obispo, Cal.	20	14	5	33	s. 78 w.	29					
Sault Ste. Marie, Mich.	7	22	21	25	s. 15 w.	16	<i>West Indies.</i>											
Chicago, Ill.	22	15	26	13	s. 62 e.	15	Basseterre, St. Kitts, W. I.											
Milwaukee, Wis.	23	16	16	20	n. 30 w.	8	Bridgetown, Barbados.											
Green Bay, Wis.	17	25	17	16	s. 7 e.	8	Cienfuegos, Cuba.											
Duluth, Minn.	32	2	22	21	n. 2 e.	30	Colon, Colombia, S. A. †											
<i>North Dakota.</i>																		
Moorhead, Minn.	21	18	22	18	n. 53 e.	5	Curaçao, W. I.		</									

•From observations at 8 p. m. only.

† From observations at 8 a. m. only.

TABLE IV.—*Thunderstorms and auroras, June, 1904.*

States.	No. of stations.	Total.																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No. Days.	
Alabama	60	T.	4	1	1	11	16	9	4	...	...	1	2	4	11	10	8	13	9	18	12	3	14	16	17	4	...	188	22	T.		
A.		A.																												0	0	A.		
Arizona	56	T.	1	2	...	...	...	...	...	...	7	6	4	2	...	...	...	...	4	4	8	3	...	41	10	T.				
A.		A.																											0	0	A.			
Arkansas	57	T.	3	4	20	20	15	10	1	9	4	...	1	6	1	5	6	11	7	21	18	20	1	5	25	9	9	27	2	260	26	T.		
A.		A.																										0	0	A.				
California	167	T.	1	46	7	T.	
A.		A.																											0	0	A.			
Colorado	70	T.	6	17	10	5	2	2	21	17	7	19	12	9	14	12	14	14	12	3	17	25	11	11	10	4	9	...	5	11	299	27	T.	
A.		A.																										0	0	A.				
Connecticut	21	T.	2	...	...	9	3	9	5	4	2	...	...	2	...	...	...	...	3	5	10	1	...	7	...	8	...	70	14	T.
A.		A.																										0	0	A.				
Delaware	5	T.	1	...	...	1	1	1	2	2	...	...	2	...	...	1	1	2	...	...	...	...	...	...	1	1	...	18	0	A.
A.		A.																										0	0	A.				
Dist. of Columbia	4	T.	...	...	1	1	1	1	1	...	...	1	...	1	...	1	...	1	...	1	...	1	...	1	...	1	...	10	10	T.
A.		A.																										0	0	A.				
Florida	61	T.	10	3	3	4	9	13	13	15	15	12	11	4	3	4	4	9	15	11	9	10	12	14	10	11	16	12	14	16	18	300	29	T.
A.		A.																										0	0	A.				
Georgia	67	T.	6	7	8	11	4	...	4	3	3	8	9	12	15	7	5	...	3	2	7	12	12	6	...	144	20	T.		
A.		A.																										0	0	A.				
Idaho	34	T.	1	5	2	3	4	1	...	2	1	1	...	1	7	4	1	1	...	1	2	1	...	...	11	...	49	18	T.			
A.		A.																										0	0	A.				
Illinois	84	T.	2	24	42	26	2	1	...	4	12	15	2	24	7	27	8	...	2	22	8	4	2	3	21	28	286	22	T.			
A.		A.																										4	4	A.				
Indiana	58	T.	9	14	22	4	2	1	...	2	...	15	16	2	8	12	14	13	...	22	21	8	1	10	24	28	248	21	T.					
A.		A.																										0	0	A.				
Indian Territory	20	T.	2	3	4	4	1	...	3	1	2	1	...	2	1	1	...	1	2	1	...	2	2	1	...	1	...	35	19	T.				
A.		A.																										0	0	A.				
Iowa	128	T.	22	25	27	8	1	...	4	11	1	3	1	2	22	16	40	1	4	17	43	16	...	10	32	6	317	22	T.			
A.		A.																										0	0	A.				
Kansas	88	T.	18	33	26	8	...	1	12	16	5	2	3	8	17	17	12	17	18	24	20	11	10	9	20	28	6	4	15	23	13	396	28	T.
A.		A.																										0	0	A.				
Kentucky	41	T.	1	5	5	8	2	4	...	1	...	1	5	3	...	3	3	9	8	...	13	...	15	2	11	4	9	...	112	20	T.			
A.		A.																										1	1	A.				
Louisiana	46	T.	1	6	1	5	4	5	6	6	8	1	1	2	1	...	2	1	4	6	7	4	...	2	3	11	7	7	3	104	25	T.		
A.		A.																										0	0	A.				
Maine	25	T.	...	2	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	10	...	49	9	T.
A.		A.																										0	0	A.				
Maryland	42	T.	5	2	2	18	21	18	13	6	14	4	13	1	...	12	15	14	2	...	5	12	1	3	6	15	...	202	22	T.	
A.		A.																										0	0	A.				
Massachusetts	48	T.	2	20	2	21	6	4	1	22	21	...	1	39	15	2	...	1	4	...	161	15	T.	
A.		A.																										0	0	A.				
Michigan	106	T.	1	4	19	4	...	1	...	2	5	8	...	1	4	2	...	5	3	...	2	17	21	...	28	22	...	148	17	T.				
A.		A.																										1	1	A.				
Minnesota	67	T.	7	7	12	8	2	...	1	1	1	8	2	10	1	4	16	23	12	8	...	1	29	11	13	1	2	18	21	3	222	26	T.	
A.		A.																										0	0	A.				
Mississippi	57	T.	12	6	1	4	6	3	8	1	1	1	2	5	4	6	7	8	4	5	9	8	9	16	5	...	131	23	T.			
A.		A.																										0	0	A.				
Missouri	86	T.	21	36	46	37	2	1	3	...	9	20	39	13	25	41	25	36	19	4	8	26	22	15	6	12	23	18	507	25	T.			
A.		A.																										0	0	A.				
Montana	54	T.	5	2	1	...	6	1	10	4	...	1	8	16	7	7	3	...	1	1	1	2	1	...	2	1	3	81	20	T.				
A.		A.																										2	2	A.				
Nebraska	137	T.	18	17	18	1	1	3	9	16	5	4	12	17	16	27	6	15	11	16	21	18	24	18	18	5	...	399	28	T.				
A.		A.																										0	0	A.				
Nevada	40	T.	2	...	2	1	...	2	1	...	2	1	3	4	3	2	...	1	8	3	...	11	...	1	3	...	24	12	T.			
A.		A.																										0	0	A.				
New Hampshire	21	T.	...	3	5	5	1	1	...	1	...	15	...	2	19	19	2	...	1	29	...	1	...	4	28	...	216	18	T.			
A.		A.																										0	0	A.				
New Jersey	48	T.	1	2	2	20	18	27	18	6	3	...	1	...	15	...	2	19	19	2	...	1	29	...	1	...	4	28	...	216	18	T.		
A.		A.																										0	0	A.				
New Mexico	31	T.	2	1	2	4	3	5	1	4	6	6	6	5	3	5	4	3	3	4	1	1	4	4	1	1	4</td							

TABLE V.—Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.75 in 1 hour during June, 1904, at all stations furnished with self-registering gages.

Stations.	Date.	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Albany, N. Y.	1	2	3	4	5	6	7														
Alpena, Mich.	30	5:15 p. m.	7:40 p. m.	1.34	6:10 p. m.	6:30 p. m.	0.19	0.07	0.36	0.94	1.00	1.02									
Amarillo, Tex.	29	12:40 a. m.	10:10 a. m.	0.88	5:10 a. m.	5:45 a. m.	0.17	0.11	0.30	0.62	0.81	0.87	1.00	1.06							
Asheville, N. C.	29	12:55 p. m.	1:25 p. m.	0.77	1:02 p. m.	1:17 p. m.	T.	0.46	0.60	0.76											
Atlanta, Ga.	7			0.27																	
Atlantic City, N. J.	6-7			0.67																0.51	
Augusta, Ga.	20			0.35																	
Baltimore, Md.	30	2:00 p. m.	2:45 p. m.	0.90	2:18 p. m.	2:35 p. m.	0.03	0.09	0.21	0.74	0.86										
Binghamton, N. Y.	8			0.50																0.43	
Birmingham, Ala.	6	3:57 p. m.	6:38 p. m.	1.01	4:14 p. m.	4:56 p. m.	0.04	0.07	0.25	0.30	0.49	0.52	0.57	0.64	0.75	0.77					
Do.	29	D. N.	5:15 a. m.	1.15	4:33 a. m.	4:45 p. m.	0.29	0.33	0.64	0.66	0.69	0.73	0.77								
Bismarck, N. Dak.	23-24			0.75																0.40	
Block Island, R. I.	29			1.14																0.59	
Boise, Idaho.	2			0.14																0.08	
Boston, Mass.	7			0.39																0.36	
Buffalo, N. Y.	29			0.60																0.60	
Cairo, Ill.	26	4:18 p. m.	7:35 p. m.	1.40	4:27 p. m.	5:12 p. m.	0.02	0.05	0.14	0.30	0.56	0.78	1.00	1.10	1.24	1.32					
Cape Henry, Va.	2	1:50 p. m.	3:05 p. m.	2.14	2:15 p. m.	2:39 p. m.	0.10	0.08	0.16	0.33	0.64	0.82									
Charleston, S. C.	10-11	2:25 p. m.	3:35 a. m.	2.38	3:49 p. m.	6:32 p. m.	0.66	0.12	0.31	0.44	0.67	0.95	1.22	1.43	1.63	1.66					
Charlotte, N. C.	6	5:33 p. m.	10:55 p. m.	2.42	6:05 p. m.	7:10 p. m.	0.07	0.15	0.43	0.67	0.87	0.98	1.12	1.25	1.41	1.52	1.64	1.88	1.95		
Do.	29	6:05 p. m.	9:35 p. m.	1.54	6:17 p. m.	6:47 p. m.	0.01	0.21	0.42	0.68	0.95	1.15	1.24								
Chattanooga, Tenn.	6	2:11 p. m.	5:40 p. m.	0.86	4:06 p. m.	4:26 p. m.	0.08	0.11	0.34	0.56	0.63	0.65	0.70	0.73							
Chicago, Ill.	20			0.12																0.38	
Cincinnati, Ohio.	15			0.39																	
Cleveland, Ohio.	14			0.32																	
Columbia, Mo.	3-4	11:35 p. m.	10:30 a. m.	1.73	2:25 a. m.	3:05 a. m.	0.14	0.09	0.20	0.49	0.63	0.73	0.78	0.83	0.86	0.90					
Columbia, S. C.	7	3:33 p. m.	7:30 p. m.	1.04	3:54 p. m.	4:56 p. m.	T.	0.14	0.25	0.33	0.37	0.38	0.43	0.48	0.51	0.52	0.56	0.86			
Columbus, Ohio.	14	4:22 p. m.	5:32 p. m.	1.40	4:37 p. m.	5:14 p. m.	0.06	0.09	0.32	0.75	0.92	1.00	1.04	1.14	1.17						
Concord, N. H.	30	1:30 p. m.	7:05 p. m.	1.45	4:35 p. m.	5:00 p. m.	0.08	0.09	0.22	0.32	0.40	0.46									
Corpus Christi, Tex.	20	7:23 a. m.	9:54 p. m.	0.82	5:17 p. m.	5:56 p. m.	0.55	0.09	0.11	0.15	0.23	0.35	0.57	0.70	0.86					0.47	
Davenport, Iowa.	24			0.57																0.44	
Denver, Colo.	9			0.71																0.26	
Des Moines, Iowa.	1	4:15 p. m.	5:35 p. m.	0.76	4:54 p. m.	5:15 p. m.	0.03	0.07	0.10	0.29	0.58	0.70	0.73							0.47	
Detroit, Mich.	20			0.26																0.51	
Dodge, Kans.	2			0.53																0.27	
Dubuque, Iowa.	3			0.58																0.44	
Duluth, Minn.	23	4:27 p. m.	6:40 p. m.	0.70	5:39 p. m.	5:50 p. m.	0.12	0.26	0.45	0.52											
Eastport, Me.	5			0.32																	
Elkins, W. Va.	3	8:46 a. m.	11:15 a. m.	0.60	8:51 a. m.	9:09 a. m.	0.01	0.20	0.35	0.43	0.46										
Erie, Pa.	1-2	5:32 p. m.	D. N.	1.25	6:00 p. m.	6:32 p. m.	0.30	0.05	0.16	0.27	0.38	0.41	0.53	0.59						0.19	
Escanaba, Mich.	3-4			0.58																	
Evansville, Ind.	2	10:20 a. m.	4:00 p. m.	2.54	12:30 p. m.	3:46 p. m.	0.64	0.12	0.34	0.46	0.52	0.55									
Fort Smith, Ark.	4	6:34 a. m.	2:09 p. m.	2.40	9:46 a. m.	10:45 a. m.	1.16	0.05	0.08	0.13	0.25	0.38	0.52	0.62	0.67	0.75	0.82	0.90			
Fort Worth, Tex.	3	5:30 a. m.	8:05 a. m.	3.04	6:00 a. m.	6:45 a. m.	0.12	0.25	0.65	1.04	1.29	1.39	1.64	1.88	2.08	2.18	2.22	2.31			
Do.	10	1:35 p. m.	4:08 p. m.	1.07	2:03 p. m.	2:30 p. m.	0.06	0.35	0.61	0.73	0.82	0.88	0.90								
Galveston, Tex.	22	4:00 a. m.	7:25 a. m.	2.02	6:05 a. m.	7:03 a. m.	0.09	0.10	0.32	0.33	0.37	0.73	1.03	1.40	1.63	1.65	1.68	1.70	1.93		
Grand Junction, Colo.	8			0.19																	
Grand Rapids, Mich.	29			0.23																0.23	
Green Bay, Wis.	30			0.54																0.47	
Hannibal, Mo.	4	D. N.	12:05 p. m.	2.14	2:59 a. m.	3:43 a. m.	0.02	0.27	0.41	0.72	0.93	1.02	1.09	1.22	1.34	1.43	1.48	1.53			
Harrisburg, Pa.	30	12:48 p. m.	3:05 p. m.	1.38	1:00 p. m.	1:41 p. m.	T.	0.05	0.24	0.68	0.95	1.07	1.15	1.20	1.26						
Hatteras, N. C.	10	1:05 a. m.	1:50 a. m.	1.15	1:05 a. m.	1:48 a. m.	0.00	0.09	0.26	0.54	0.81	0.94	1.00	1.10	1.14						
Huron, S. Dak.	17	2:35 a. m.	7:20 a. m.	1.39	2:48 a. m.	3:08 a. m.	0.04	0.13	0.29	0.40	0.53	0.57									
Indianapolis, Ind.	25			0.57																0.52	
Jacksonville, Fla.	8	12:13 p. m.	12:50 p. m.	0.77	12:25 p. m.	12:49 p. m.	0.01	0.16	0.26	0.34	0.65	0.76									
Jupiter, Fla.	15	5:08 p. m.	8:40 p. m.	2.23	6:15 p. m.	7:25 p. m.	T.	0.06	0.19	0.21	0.32	0.43	0.62	0.87	0.98	1.27	1.59	1.99	2.17		
Do.	24	10:07 a. m.	1:40 p. m.	1.90	1:40 p. m.	10:14 a. m.	T.	0.22	0.41	0.61	0.93	1.20	1.48	1.62	1.67	1.72			0.09		
Kalispell, Mont.	9			0.09																	
Kansas City, Mo.	24-25	5:25 p. m.	5:00 a. m.	2.08	6:04 p. m.	6:25 p. m.	0.24	0.14	0.29	0.40	0.49	0.53							0.37		
Key West, Fla.	10			0.38																	
Knoxville, Tenn.	30			0.48																	
La Crosse, Wis.	3			0.50																0.50	
Lewiston, Idaho.	2			0.44																0.15	
Lexington, Ky.	26			0.72																0.50	
Lincoln, Nebr.	18	8:40 p. m.	10:00 p. m.	0.71	8:59 p. m.	9:13 p. m.	0.01	0.21	0.53	0.64	0.66										
Little Rock, Ark.	19	9:22 p. m.	10:30 p. m.	0.94	9:31 p. m.	10:03 p. m.	T.	0.15	0.36	0.48	0.58	0.79	0.92	0.94							
Los Angeles, Cal.	22	5:20 p. m.	8:20 p. m.	1.09	5:30 p. m.	6:05 p. m.	0.01	0.10	0.32	0.62	0.83	0.93	1.00	1.05							
Louisville, Ky.	4			0.41																0.47	
Lynchburg, Va.	1	3:20 p. m.	4:50 p. m.	2.45	4:50 p. m.	6:15 p. m.	0.37	0.13	0.25	0.42	0.54	0.61	0.63	0.77	0.94	1.04	1.10	1.22	1.93	2.08	
Macon, Ga.	28	3:15 p. m.	5:40 p. m.	0.67	3:26 p. m.	3:40 p. m.	T.	0.21	0.48												
Memphis, Tenn.	28																				

TABLE V.—Accumulated amounts of precipitation for each 5 minutes, etc.—Continued.

Stations.	Date.	Total duration.		Total amount of precipita-	Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during periods of time indicated.														
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.	
Pueblo, Colo.....	16	5:00 p. m.	7:15 p. m.	4.61	5:11 p. m.	5:25 p. m.	7	0.35	0.44	0.48	0.53	...	...	...	...	...	...	...	...	...	...
Do.....	21	5:30 p. m.	7:40 p. m.	1.07	6:29 p. m.	6:50 p. m.	T	0.47	0.14	0.30	0.41	0.58	...	...	...	...	...	...	...	...	...
Raleigh, N. C.....	2	5:32 p. m.	6:12 p. m.	1.18	5:32 p. m.	5:54 p. m.	0.05	0.00	0.20	0.63	1.06	1.18	...	...	...	...	...	...	...	...	...
Do.....	29-30	1:45 p. m.	D. N.	1.62	2:00 p. m.	3:15 p. m.	0.09	0.08	0.24	0.43	0.58	0.68	0.77	0.91	1.01	1.06	1.11	1.26	1.43	...	...
Richmond, Va.....	1	8:03 a. m.	9:55 a. m.	1.44	8:56 a. m.	9:30 a. m.	0.10	0.12	0.32	0.47	0.66	0.85	1.05	1.21	1.26	1.29	...	...	...	...	...	...
Rochester, N. Y.....	14	...	...	0.53	T	...	...	...	...	...	...	...	0.53	...	...	...	...	...	...	...	...	...
Sacramento, Cal.....	1	...	...	...	T	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Louis, Mo.....	2	1:49 a. m.	7:32 a. m.	0.68	4:28 a. m.	4:45 a. m.	0.01	0.05	0.18	0.44	0.50	...	...	...	...	...	...	...	...	...	...	...
Do.....	3	1:34 p. m.	2:10 p. m.	0.59	1:34 p. m.	2:06 p. m.	T	0.20	0.55	0.66	0.50	0.57	0.59	...	...	...	...	...	...	...	...	...
St. Paul, Minn.....	24	...	...	0.61	3:29 p. m.	3:29 p. m.	...	...	...	...	...	...	...	...	...	...	...	...	...	0.58	...	...
Salt Lake City, Utah.....	2	...	...	0.20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.09	...	...
San Antonio, Tex.....	22	...	...	0.56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.43	...	...
San Diego, Cal.†.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sandusky, Ohio.....	21	...	...	0.36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.36	...	...
San Francisco, Cal.....	30	...	...	T	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Savannah, Ga.....	10	2:25 p. m.	5:10 p. m.	1.25	2:46 p. m.	3:16 p. m.	0.01	0.11	0.26	0.47	0.65	0.76	0.82	0.85	...	...	...	...	...	...	...	...
Scranton, Pa.....	30	3:08 p. m.	4:55 p. m.	1.15	3:21 p. m.	3:45 p. m.	0.04	0.18	0.36	0.66	0.89	0.94	0.96	0.99	...	...	...	...	...	...	...	...
Seattle, Wash.....	12-13	...	...	0.80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.28	...	...
Shreveport, La.....	9	6:30 p. m.	7:10 p. m.	0.76	6:34 p. m.	6:59 p. m.	T	0.22	0.50	0.59	0.67	0.73	0.76	...	...	...	...	...	...	...	...	...
Do.....	27	2:25 p. m.	3:55 p. m.	0.95	2:27 p. m.	2:50 p. m.	T	0.17	0.40	0.71	0.86	0.92	...	...	...	...	...	...	...	...	...	...
Spokane, Wash.....	18	...	...	0.29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.29	...	...
Springfield, Ill.....	3	2:45 a. m.	1:32 p. m.	0.62	2:20	7:15 a. m.	7:50 a. m.	0.67	0.08	0.14	0.27	0.41	0.68	0.98	1.06	1.08	...	...	...	0.27	...	...
Springfield, Mo.....	4	2:40 a. m.	2:20	7:15 a. m.	7:50 a. m.	0.79	...	...	...	...	...	...	...	...	...	...	...	...	...	0.43	...	...
Syracuse, N. Y.....	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tampa, Fla.....	6	4:40 p. m.	6:10 p. m.	1.52	4:47 p. m.	5:30 p. m.	0.01	0.22	0.52	0.73	0.93	1.13	1.25	1.36	1.44	1.47	...	...	...	...	...	...
Do.....	10	7:05 p. m.	8:40 p. m.	1.58	7:07 p. m.	7:55 p. m.	0.01	0.26	0.54	0.74	0.89	0.97	1.00	1.00	1.07	1.14	1.19	1.22	1.44	...	...	...
Taylor, Tex.....	30	6:35 p. m.	7:45 p. m.	1.76	6:38 p. m.	7:20 p. m.	0.01	0.09	0.39	0.65	0.91	1.16	1.33	1.52	1.65	1.68	1.70	1.75	...	...	...	...
Do.....	21	6:25 a. m.	7:20 a. m.	0.70	6:50 a. m.	7:10 a. m.	0.12	0.07	0.28	0.48	0.54	0.58	...	...	...	...	...	...	...	...	...	...
Toledo, Ohio.....	30	12:50 a. m.	3:02 a. m.	0.75	12:50 a. m.	1:17 a. m.	T	0.07	0.27	0.48	0.55	0.63	0.67	...	...	...	...	...	...	...	...	...
Topeka, Kans.....	2	...	...	0.10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.60	...	...
Valentine, Nebr.....	19-20	...	...	1.41	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.65	...	...
Vicksburg, Miss.....	5	9:55 p. m.	11:10 p. m.	1.19	10:02 p. m.	11:02 p. m.	T	0.14	0.23	0.36	0.43	0.44	0.45	0.51	0.65	0.85	1.12	...	...	...	...	...
Do.....	29	3:29 p. m.	3:45 p. m.	0.79	3:29 p. m.	3:42 p. m.	0.00	0.27	0.69	0.79	...	...	...	...	...	...	...	...	...	...	...	...
Washington, D. C.....	7	1:35 p. m.	7:40 p. m.	1.52	1:35 p. m.	2:10 p. m.	0.00	0.24	0.40	0.64	0.83	0.87	0.95	1.04	1.08	...	...	...	...	...	...	...
Wichita, Kans.....	2	3:08 p. m.	6:50 p. m.	0.76	5:15 p. m.	5:35 p. m.	T	0.06	0.26	0.48	0.58	...	...	...	...	...	...	...	...	...	...	...
Wilmington, N. C.....	10-11	2:30 p. m.	10:20 p. m.	1.88	3:58 p. m.	4:40 p. m.	0.03	0.27	0.65	0.79	0.88	0.92	1.05	1.09	1.16	1.25	...	...	...	...	...	...
Wytheville, Va.....	7	...	...	0.56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.56	...	...
Yankton, S. Dak.....	8	...	...	0.22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.22	...	...
Havana, Cuba.....	14	...	...	0.58	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.42	...	...
San Juan, Porto Rico.....	17	...	...	1.24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.71	...	...

* Estimated.

† No precipitation during month.

TABLE VI.—Data furnished by the Canadian Meteorological Service, June, 1904.

Stations.	Pressure, in inches.			Temperature.			Precipitation.			Stations.	Pressure, in inches.			Temperature.			Precipitation.		
	Actual, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hours.	Departure from normal.	Mean.	Departure from normal.	Mean maximum.	Total.	Departure from normal.	Depth of snow.		Actual, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hours.	Departure from normal.	Mean.	Departure from normal.	Mean maximum.	Total.	Departure from normal.	Depth of snow.
St. Johns, N. F.....	In. 29.74	In. 29.88	- .03	51.1	- .05	61.3	41.0	2.17	-1.43	Parry Sound, Ont.....	In. 29.25	In. 29.98	+ .02	62.5	+ .8	73.9	61.2	3.36	+ 0.94
Sydney, C. B. I.....	29.98	30.02	+ .07	55.2	- .02	66.4	43.9	0.90	-2.33	Port Arthur, Ont.....	29.25	29.98	+ .02	55.5	- .9	65.6	45.4	3.36	+ 0.63
Halifax, N. S.....	29.93	30.03	+ .08	57.5	- .02	68.7	46.4	2.60	-1.10	Winnipeg, Man.....	29.09	29.91	+ .02	61.1	- 1.1	71.7	50.5	4.22	+ 0.93
Grand Manan, N. B.....	29.95	30.00	+ .07	55.8	- .04	62.9	48.7	2.15	-0.79	Minnedosa, Man.....	28.13	29.92	+ .03	59.8	+ .2	70.6	48.9	4.42	+ 1.42
Yarmouth, N. S.....	29.98	30.05	+ .10	54.7	- .03	63.0	46.5	1.46	-1.30	Qu'Appelle, Assin.....	27.68	29.90	+ .03	55.1	- 1.8	70.0	46.2	2.58	- 0.84
Charlottetown, P. E. I.....	29.96	30.00	+ .08	56.8	- .06	66.4	47.1	1.56	-1.11	Medicine Hat, Assin.....	27.64	29.89	+ .04	62.0	- 0.0	75.8	48.2	3.04	- 0.72
Chatham, N. B.....	29.94	29.96	+ .07	59.0	- 1.0	71.6	46.4	2.27	-1.19	Swift Current, Assin.....	27.88	29.90	+ .03	63.8	- 2.3	73.8	46.7	2.37	- 0.30
Father Point, Que.....	29.93	29.95	+ .08	53.9	+ 0.9	62.3	45.4	1.97	-1.01	Calgary, Alberta.....	26.40	29.90	+ .06	54.3	- 1.7	69.1	39.5	1.99	- 0.46
Quebec, Que.....	29.67	29.99	+ .07	61.7	+ 0.5	71.9	51.4	2.97	-0.68	Banff, Alberta.....	25.36	29.90	+ .06	50.7	- 0.8	64.2	37.2	2.63	- 0.70
Montreal, Que.....	29.78	29.98	+ .04	64.5	- 0.4	72.8	56.2	2.81	-0.78	Edmonton, Alberta.....	27.61	29.87	+ .03	56.8	- 0.1	68.9	44.7	2.39	+ 1.53
Rockcliffe.....	29.45	29.98	+ .04	62.3	+ 0.7	75.9	48.7	4.08	+ 0.92	Prince Albert, Sask.....	28.30	29.84	- .03	58.1	+ 0.4	69.9	46.7	2.83	+ 0.32
Ottawa, Ont.....	29.64	29.96	+ .02	65.3	0.0	75.1	55.5	2.51	-0.41	Battleford, Sask.....	28.17	29.89	+ .03	58.6	- 0.9	70.3	47.0	4.32	+ 1.01
Kingston, Ont.....	29.68	29.99	+ .02	62.1	- 1.3	70.2	54.0	3.89	+ 1.46	Kamloops, B. C.....	28.73	29.93	+ .06	62.8	- 1.0	75.6	50.1	1.22	- 0.20
Toronto, Ont.....	29.62	29.99	+ .02	63.1	- 0.3	73.2	53.0	3.37	+ 0.57	Victoria, B. C.....	30.03	30.12	+ .11	56.0	- 0.3	63.2	48.9	1.36	+ 0.16
White River, Ont.....	28.68	29.97	+ .03	58.8	+ 0.1	74.2	48.5</												

TABLE VII.—Heights of rivers referred to zeros of gages—Continued.

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.	Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.	
			Height.	Date.	Height.	Date.						Height.	Date.	Height.	Date.			
<i>Mississippi River—Cont'd.</i>									<i>Tennessee River.</i>									
Chester, Ill.	1,189	30	24.6	8, 9	18.5	28, 29	21.3	6.1	Knoxville, Tenn.	635	29	3.1	0.7	18, 19	1.4	2.4		
New Madrid, Mo.	1,003	34	27.6	10, 11	19.2	30, 23	24.4	8.4	Kingston, Tenn.	556	25	3.7	1.5	21	2.2	2.2		
Memphis, Tenn.	843	23	25.7	13	15.7	1	21.1	10.0	Chattanooga, Tenn.	452	38	4.9	5.6	20, 21	3.1	2.9		
Helena, Ark.	767	42	34.3	14, 15	22.0	2	29.2	12.3	Bridgeport, Ala.	402	24	3.4	6.7	21, 22	1.8	2.6		
Arkansas City, Ark.	635	42	41.7	18-20	27.3	3, 4	36.8	14.4	Florence, Ala.	255	16	4.0	3	24, 25	1.7	3.5		
Greenville, Miss.	595	42	35.5	19	22.4	4	30.8	13.1	Riverton, Ala.	225	25	5.0	4	26	1.7	5.1		
Vicksburg, Miss.	474	45	38.9	23	26.0	5, 6	33.6	12.9	Johnsonville, Tenn.	95	21	6.1	6	25-27	3.4	4.4		
Natchez, Miss.	373	46	38.9	24-27	28.0	7	34.6	10.9	<i>Cumberland River.</i>									
Baton Rouge, La.	240	35	28.4	30	20.7	9	25.3	7.7	Burnside, Ky.	518	50	15.8	2	0.5	19	3.6	15.3	
Douglasville, La.	188	28	22.2	26-30	15.8	9, 10	19.7	6.4	Celina, Tenn.	383	45	14.0	3	1.9	26	5.6	12.1	
New Orleans, La.	108	16	14.4	24-26	10.5	9, 10	12.9	3.9	Carthage, Tenn.	308	40	12.2	4	2.0	21, 28	5.2	10.2	
<i>Yellowstone River.</i>									Nashville, Tenn.	193	40	15.3	5	2.9	27	7.8	12.4	
Glendive, Mont.	98	17	10.2	23	7.2	30	8.5	3.0	Clarksville, Tenn.	126	42	17.9	9	5.1	24, 27	10.4	12.8	
<i>James River.</i>									<i>Arkansas River.</i>									
Lamoure, N. Dak.	25	2.6	13	—	0.5	2, 4	1.1	3.1	Wichita, Kans.	832	10	6.0	4	1.7	14	3.3	4.3	
Huron, S. Dak.	210	25	5.3	4-6	3.3	20, 30	4.5	2.0	Webbers Falls, Ind. T.	465	23	28.8	6	10.4	1	18.2	18.4	
<i>Missouri River.</i>									Fort Smith, Ark.	403	22	33.4	7	12.4	2	20.7	21.0	
Townsend, Mont.	2,504	10	8.0	3, 4	5.6	30	7.0	2.4	Dardanelle, Ark.	256	21	28.4	9	11.5	1	19.9	16.9	
Fort Benton, Mont.	2,285	12	5.4	6, 7	3.3	30	4.6	2.1	Little Rock, Ark.	176	23	27.8	11	7.1	1	21.2	20.7	
Bismarck, N. Dak.	1,309	14	8.7	7.8	6.9	3	7.9	1.8	<i>White River.</i>									
Pierre, S. Dak.	1,114	19	10.6	9	8.3	4	9.3	2.3	Newport, Ark.	150	26	22.2	9	3.9	2	9.8	18.3	
Sioux City, Iowa.	784	18	13.3	10, 11	10.5	24-25	11.6	2.8	<i>Yazoo River.</i>									
Omaha, Nebr.	669	10	13.8	12-14	10.1	1	12.5	3.7	Yazoo City, Miss.	80	26	12.5	23	1.0	6-8	8.0	11.5	
Plattsmouth, Nebr.	641	17	9.4	12-14	6.1	1	8.2	3.3	<i>Ouachita River.</i>									
St. Joseph, Mo.	481	10	10.1	14	6.3	1, 2	8.8	3.8	Camden, Ark.	304	39	35.2	12	5.4	4	19.3	29.8	
Kansas City, Mo.	388	21	20.7	4, 5, 27	16.4	2	19.3	4.3	Monroe,	122	40	23.0	30	7.5	8	16.0	16.5	
Glasgow, Mo.	231	.....	14.6	5, 6	11.3	3	13.0	3.3	<i>Red River.</i>								
Boonville, Mo.	199	20	19.1	6	14.9	14	16.6	4.2	Arthur, Tex.	688	27	24.0	13	6.0	2	14.3	18.0	
Hermann, Mo.	103	24	21.1	6	16.4	26	18.6	4.7	Fulton, Ark.	515	28	31.6	13, 14	7.3	1	22.5	24.3	
<i>Des Moines River.</i>									Shreveport, La.	327	29	28.5	24, 25	3.2	5, 6	17.3	25.3	
Des Moines, Iowa.	205	19	8.8	4	3.8	21-25	5.3	5.0	Alexandria, La.	118	33	29.4	30	3.3	5, 9	15.9	26.1	
<i>Illinois River.</i>									<i>Atchafalaya River.</i>									
Peoria, Ill.	135	14	11.8	6-8	8.1	29, 30	10.3	3.7	Melville, La.	100	31	31.7	30	26.8	9	29.7	4.9	
<i>Allegheny River.</i>									<i>Mohawk River.</i>									
Warren, Pa.	177	14	6.1	1	0.5	30	1.8	5.6	Utica, N. Y.	98	.....	.....	.....	24-29	-1.6	4.6	
Oil City, Pa.	123	13	6.3	1	0.9	29, 30	2.3	5.4	Tribes Hill, N. Y.	42	.....	2.0	10	—	2.6	30	1.7
Parker, Pa.	73	20	7.5	2	1.2	30	2.8	6.3	Schenectady, N. Y.	19	.....	5.6	10	0.8	4.8	4.8	
Freeport, Pa.	29	20	11.0	2, 3	2.8	28	5.4	8.2	<i>Hudson River.</i>									
<i>Red Bank Creek.</i>									Glen Falls, N. Y.	197	.....	8.5	10	2.5	29	5.8	6.0
Brookville, Pa.	35	8	1.6	22	0.6	11-14	1.0	1.0	Troy, N. Y.	154	11.2	10	2.7	23	5.3	8.5		
<i>Clarion River.</i>									Albany, N. Y.	147	9.1	10	1.4	23	4.3	7.7		
Clarion, Pa.	32	10	3.5	1	1.6	21	2.3	1.9	Stuyvesant, N. Y.	128	.....	.....	.....	.....	.....	.....
<i>Conemaugh River.</i>									<i>Passaic River.</i>									
Johnstown, Pa.	64	7	2.0	1, 20, 22	0.9	17-19	1.4	1.1	Chatham, N. J.	69	.....	3.0	1, 2	2.1	25-30	2.4	0.9
<i>Cheat River.</i>									<i>Pompton River.</i>	6	.....	4.8	9, 10	3.9	26	4.3	0.9
Rowlesburg, W. Va.	36	14	3.2	7, 30	2.2	5	2.7	1.0	North Branch Susquehanna.									
Youngstown, Pa.	59	23	2.7	1	—	0.3	27, 28	1.1	Binghamton, N. Y.	306	16	4.5	10	2.0	29, 30	2.5	2.5	
West Newton, Pa.	15	10	1.8	7, 8, 10, 11	0.5	30	1.2	1.3	Towanda, Pa.	262	16	5.6	10	0.7	30	2.3	4.9	
<i>Monongahela River.</i>									Wilkesbarre, Pa.	183	17	11.6	10	3.4	30	5.9	8.2	
Weston, W. Va.	161	18	6.3	8-10	—	0.3	18-21, 26-28	0.0	West Branch Susquehanna.									
Fairmont, W. Va.	119	25	16.5	30	14.1	18-21	14.8	2.4	Lockhaven, Pa.	65	12	1.6	23	—	0.2	9-11, 13-15	0.3	
Greensboro, Pa.	81	18	8.8	30	6.5	19-21	7.6	2.3	Williamsport, Pa.	39	20	6.1	5	1.7	30	3.1	4.4	
Lock No. 4, Pa.	40	28	9.0	8	6.1	18, 21, 22	7.2	2.9	<i>Susquehanna River.</i>									
<i>Ohio River.</i>									Sellisgrove, Pa.	116	17	4.6	11	0.8	29, 30	2.1	3.8	
Pittsburg, Pa.	966	22	8.4	3	3.4	13	5.7	5.0	Harrisburg, Pa.	69	17	6.0	12	2.4	30	4.0	3.6	
Davis Island Dam, Pa.	960	25	9.8	3	3.7	28	5.9	6.1	<i>Juniata River.</i>									
Beaver Dam, Pa.	925	27	17.0	2	4.5	28	8.1	12.5	Huntingdon, Pa.	90	24	5.0	5	3.4	27-30	3.8	1.6	
Wheeling, W. Va.	875	36	17.0	3	4.8	20	8.1	12.2	<i>Potomac River.</i>									
Parkersburg, W. Va.	785	36	18.1	4	6.0	20, 21	9.3	12.1	Cumberland, Md.	290	8	5.5	1, 2	3.5	17, 18, 29, 30	4.3	2.0	
Point Pleasant, W. Va.	703	39	20.5	5	4.5	19	9.3	16.0	Harpers Ferry, W. Va.	172	18	8.8	2	0.5	18, 29, 30	2.8	3.3	
Huntington, W. Va.	660	50	24.2	5	8.0	19	13.3	16.2	Riverton, Va.	58	22	1.8	2	0.4	20	0.8	1.4	
Catlettsburg, Ky.	651	50	24.5	5	6.5	19, 22	12.6	18.0	<i>James River.</i>									
Portsmouth, Ohio.	612	50	24.4	5, 6	7.8	20	13.8	16.6	Lynchburg, Va.	260	18	6.9	3	1.4	27, 28	2.4	5.5	
Cincinnati, Ohio.	499	50	26.0	7	9.7	22, 23	16.2	16.3	Richmond, Va.	111	12	3.8	4	—	17	0.9	4.3	
Madison, Ind.	418	46	21.2	8	8.5	24, 25	13.6	12.7	Danville, Va.	55	8	1.0	2, 30	—	0.3	18	0.2	1.3
Louisville, Ky.	367	28	9.0	8	4.7	27	12.7	11.5	Clarksville, Va.	196	12	6.8	3	3.0	26, 27	4.2	3.8	
Evansville, Ind.	184	35	18.4	10	6.9	27	12.7	11.5	Weldon, N. C.	129	30	21.3	3	8.9	27, 28	10.9	12.4	
Paducah, Ky.	47	40	20.7	11	9.4	30	15.1	11.3	<i>Cape Fear River.</i>									
Cairo, Ill.	1	45	24.3	10	23.3	30	28.7	1.0	Fayetteville, N. C.	112	38	18.4	30	1.9	28	5.1	16.5	
<i>Beaver River.</i>									Conway, S. C.	40	7	3.0	14	1.4	10, 25, 26	2.1	1.6	
Ellwood Junction, Pa.	10	14	9.1	2	2.8	27, 28	4.1	6.3	Cheraw, S. C.	149	27	13.3	30	1.5	1	3.4	11.8	
<i>Muskingum River.</i>									Smiths Mills, S. C.	51	16	7.2	16, 17	1.5	2	4.0	5.7	
Zanesville, Ohio.	70	20	17.0	2	8.1	19, 20, 28	9.8	8.9	Lynch Creek.	35	12	5.4	8	3.5	1	4.1	1.9	
<i>Little Kanawha River.</i>									Effingham, S. C.	52	12	2.8	17, 25	1.0	6, 7, 9, 18, 27	1.7	1.8	
Creston, W. Va.	50	20	3.9	2, 7, 8, 29	2.5	21	3.4	1.4	Waterloo River									

TABLE VII.—Heights of rivers referred to zeros of gages.—Continued.

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.	Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.
			Height.	Date.	Height.	Date.						Height.	Date.	Height.	Date.		
<i>Cossa River.</i>									<i>Brazos River—Cont'd.</i>								
Rome, Ga.....	271	80	3.0	1, 2, 8	0.4	19, 20	1.5	2.6	Hempstead, Tex.....	215	40	13.8	9	1.6	6, 30	5.6	12.2
Gadsden, Ala.....	144	22	3.0	3	0.3	17-29, 26, 27	0.5	3.2	Booth, Tex.....	76	39	6.0	20	3.2	9	4.2	2.8
Lock No. 4, Ala.....	116	17	2.7	4	0.0	20-22	0.8	2.7	<i>Colorado River.</i>								
Wetumpka, Ala.....	6	45	5.0	3	0.6	22-24	2.4	4.4	Ballinger, Tex.....	400	21	16.0	27	1.0	4	3.4	15.0
<i>Alabama River.</i>									Austin, Tex.....	214	18	9.7	8	2.0	30	3.7	7.7
Montgomery, Ala.....	265	35	2.9	2, 3	-0.3	20-25, 27	0.9	3.2	Columbus, Tex.....	100	24	26.2	10	7.8	1	12.0	18.4
Selma, Ala.....	212	35	3.0	4	-1.1	23-26	0.6	4.1	<i>Red River of the North.</i>								
<i>Tombigbee River.</i>									Moorhead, Minn.....	418	26	14.8	28, 29	9.5	22, 23	10.8	5.3
Columbus, Miss.....	303	33	-1.5	8, 9	-2.4	2, 3, 6	-2.1	0.9	Kooskia River.								
Demopolis, Ala.....	155	35	1.4	5, 7	-2.6	{ 21, 22, 24, 25, 29 }	-1.4	4.0	Bonners Ferry, Idaho.....								
<i>Black Warrior River.</i>									Pend d'Orsielle River.								
Tuscaloosa, Ala.....	90	43	6.9	3	3.8	26	5.1	3.1	Newport, Wash.....								
<i>Sabine River.</i>									Snake River.								
Logansport, La.....	180	25	14.3	15	2.0	8.3	12.3		Lewiston, Idaho.....	144	24	15.7	2	10.1	29, 30	13.3	5.6
Orange, Tex.....	10	7	1.3	1-10	1.0	11-30	1.1	0.3	Riparia, Wash.....	67		15.2	2	9.6	30	12.8	5.6
<i>Neches River.</i>									Columbia River.								
Rockland, Tex.....	110	20	1.8	29	0.5	11	1.1	1.3	Wenatchee, Wash.....	473	40	35.4	9	32.0	30	34.0	3.4
Beaumont, Tex.....	40	10	2.1	5	0.5	7, 9, 13	1.2	1.6	Umatilla, Oreg.....	270	25	20.6	8	17.1	30	19.4	3.6
<i>Trinity River.</i>									The Dalles, Oreg.....	166	40	34.8	4, 5, 9	28.3	30	32.8	6.5
Dallas, Tex.....	330	25	24.5	5	3.7	22	11.2	20.8	Willamette River.								
Riverside, Tex.....	100	40	15.6	21	2.9	2	9.3	12.7	Albany, Oreg.....	118	20	4.8	1-3	2.5	29, 30	3.5	2.3
Liberty, Tex.....	42	25	16.0	23, 24	6.4	10	11.2	9.6	Salmon, Oreg.....	84	20	4.4	4	1.7	27-30	2.8	2.7
<i>Brazos River.</i>									Portland, Oreg.....	12	15	20.2	4, 5	16.5	30	19.1	3.7
Kopperl, Tex.....	369	21	12.0	29	-0.6	2	3.2	12.6	Sacramento River.								
Waco, Tex.....	301	24	12.0	30	3.4	3, 4	3.5	8.6	Red Bluff, Cal.....	265	23	5.5	1, 2	3.8	30	4.7	1.7
									Sacramento, Cal.....	64	25	20.9	3	15.8	30	18.8	5.1

¹ Record incomplete.

HAWAIIAN CLIMATOLOGICAL DATA.

By R. C. LYDECKER, Territorial Meteorologist.

Meteorological Observations at Honolulu, June, 1904.

Date.	During twenty-four hours preceding 1 p. m. Greenwich time, or 2:30 a. m. Honolulu time.										Total rainfall at 9 a. m., local time.	
	Temperature.		Means.		Wind.		Sea-level pressures.		Prevailing direction.	Force.		
	Temperature.	Maximum.	Minimum.	Dew-point.	Relative humidity.	Maximum.	Minimum.	Maximum.				
1....	*	71	69.5	82	68	63.7	69	ne.	≈	1-0	0.05	
2....	30.00	71	68	81	69	67.5	81	ne.	0	30.02	29.96	
3....	30.06	74	67	79	69	65.7	75	sw.-ne.	0	30.07	30.00	
4....	30.06	75	67.5	82	69	62.7	64	ne.	1-3	6-4	0.01	
5....	30.06	75	68	82	73	64.0	66	ne.	1-3	3	0.02	
6....	30.06	75	67.5	82	73	65.3	68	ne.	2	2-4	0.03	
7....	30.03	74	68	82	74	63.0	64	ne.	3	30.07	30.01	
8....	30.01	73	67	81	74	63.3	67	ne.	1-2	4	0.04	
9....	30.01	74	68	80	71	64.5	70	ne.	1-3	4	0.16	
10....	30.00	74	67	82	72	64.3	70	ne.	1-2	5-3	0.01	
11....	29.96	72	65	82	73	63.0	64	ne.	1	2	0.08	
12....	29.95	73	65.5	83	69	63.7	67	ne.	1	30.00	29.94	
13....	29.99	73	67	83	73	62.5	64	ne.	0-2	2	0.03	
14....	30.00	73	68	83	73	64.5	69	ne.	1-3	1-7	0.01	
15....	29.97	74	67	82	73	64.0	67	ne.	1-3	4-6	0.03	
16....	29.94	73	66	82	72	63.0	66	ne.	1-3	4	0.00	
17....	29.94	71	68	81	73	61.3	63	ne.-nne.	2	2-5	0.04	
18....	29.98	73	66.5	82	71	63.5	68	ne.-ue.	1-3	3	0.01	
19....	30.03	73	67	82	72	63.0	64	ne.	1-3	3	0.02	
20....	30.04	73	68	82	70	63.7	67	ne.	1-3	2	0.03	
21....	29.98	72	67.5	82	72	63.7	67	ne.	0-2	4-2	0.05	
22....	29.96	73	67	82	73	65.0	68	ne.	0-2	1	0.01	
23....	30.01	71	67	84	72	65.3	71	ne.	1-0	2-7	0.04	
24....	30.00	71	67.5	85	69	66.5	75	ne.	1-0	6	0.04	
25....	30.01	75	67.5	83	68	64.3	68	ne.	0-1	8-4	0.05	
26....	30.03	74	68	82	74	63.7	65	ne.	2-3	3	0.06	
27....	30.01	73	68	82	73	64.5	67	ne.	1-3	4	0.15	
28....	30.01	75	67	81	71	64.5	70	ne.	3	30.05	30.00	
29....	30.03	74	66	81	72	61.7	62	ne.	3	4	0.04	
30....	29.98	71	66	82	74	63.0	69	ne.	2	30.03	29.96	
31....											0.06	
Sums											0.72	
Means	30.003	73.1	67.2	82.0	71.6	63.9	67.8		1.6	3.6	30.043	29.978
Departure	+ .001				-1.1	-2.9			-0.4			-0.77

Mean temperature for the month of June, 1904 ($9 + 2 + 9$) $= 76.1^{\circ}$; normal is 76.0° . Mean pressure for the month of June, 1904, ($9 - 3 + 2 = 30.010$); normal is 30.009.* This pressure is as recorded at 1 p. m., Greenwich time. † These temperatures are observed at 6 a. m., local, or 4:31 p. m., Greenwich time. ‡ These values are the means of $(6 + 9 + 2 + 9) + 4$. § Beaufort scale.

Maximum thermometer set at 9 p. m. and minimum at 2 p. m., local time.

The station is at $21^{\circ} 18' \text{ north}, 157^{\circ} 50' \text{ west}$. It is the Hawaiian Weather Bureau station Puuhou. (See fig. 2, No. 1, in the MONTHLY WEATHER REVIEW for July, 1902, page 365.) Hawaiian standard time is $10^{\text{h}} 30^{\text{m}}$ slow of Greenwich time. Honolulu local mean time is $10^{\text{h}} 31^{\text{m}}$ slow of Greenwich.The pressure is corrected for temperature and reduced to sea level, and the gravity correction, -0.06 , has been applied.

The average direction and force of the wind and the average cloudiness for the whole day are given unless they have varied more than usual, in which case the extremes are given. The scale of wind force is 0 to 12, or Beaufort scale. Two directions of wind, or values of wind force, or amounts of cloudiness, connected by a dash, indicate change from one to the other.

Rainfall for twenty-four hours is measured at 9 a. m. local, or 7:31 p. m., Greenwich time.

The rain gage, 8 inches in diameter, is 1 foot above ground. Thermometer, 9 feet above ground. Ground is 43 feet and the barometer 50 feet above sea level.

GENERAL SUMMARY FOR JUNE, 1904.

Honolulu.—Temperature mean for the month, 76.1° ; normal, 76.0° ; average daily maximum, 82.0° ; average daily minimum, 71.6° ; mean daily range, 10.4° ; greatest daily range, 16° (23d); least daily range, 7° (7th); highest temperature, 85° (23d); lowest temperature, 68° (24th).

Barometer average, 30.010; normal, 30.009; highest, 30.09 (3d to 5th, inclusive); lowest, 29.91 (16th); greatest 24-hour change, that is from any given hour of one day to the same hour of the next, .05; lows passed this point, 11th and 12th, 15th to 17th, inclusive, 21st and 22d; highs 2d to 7th inclusive, 19th and 27th.

Relative humidity average, 67.8 per cent; normal, 70.7 per cent; mean dew-point, 63.9°; normal, 65.0°; mean absolute moisture, 6.52 grains per cubic foot; normal, 6.83 grains.

Rainfall, 0.72 inch; normal, 1.49 inches; greatest rainfall in twenty-four hours, 0.16 inch (from 9 a. m. 8th to 9 a. m. 9th); rain record days, 19; normal, 19.

The artesian well water level fell from 35.86 to 35.40 feet above mean sea level. June 30, 1903, it stood at 34.18. The average daily mean sea level was 9.84, the assumed annual mean being 10 feet above datum. For June, 1903, it was 9.78.

Trade wind days, 29 (1 nne.); normal, 26; average force of wind, Beaufort scale and during daylight only, 1.6; average cloudiness, tenths of sky, 3.6; normal, 4.0.

Approximate percentages of district rainfall as compared with normal: Hawaii, Hilo district, 130 per cent; Hamakua, 60; Kohala, 60; Waimea, 70; Kona, 184; Kau, variable, from 47 per cent at Hilea to 169 at Naalehu; Puna, 128; Island of Maui, 90. Oahu: Honolulu district, variable, from 42 at Kinau street to 124 at Woodlawn Dairy; Nuuanu, 76; Koolau, variable, from 30 at Waimanalo to 101 at Ahuimanu; island of Kauai, variable, from 64 at Hanalei to 137 at Grove Farm.

The heaviest monthly rainfall was at Nahiku, Maui (1600 feet elevation), 14.45 inches. The heaviest 24-hour rainfalls were at Puuohua, 2.87 inches (21st), and Holualoa, 2.08 inches (10th).